

# Bright Spots: Pearl City-Waipahu Complex Area and Waipahu High School's "My Voice, My Choice, My Future" through Academies and Early College

Mr. Rodney Luke  
 Complex Area Superintendent, Hawaii State DOE

Mr. Keith Hayashi  
 Principal, Waipahu High School

Board of Education | General Business Meeting | September 6, 2016



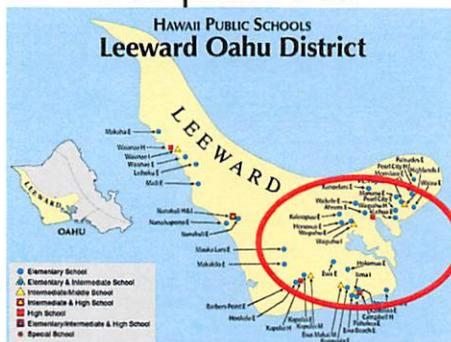
HAWAII STATE DEPARTMENT OF EDUCATION  
 HawaiiPublicSchools.org

## Who We Are...



PEARL CITY

### Pearl City-Waipahu Complex Area



WAIPAHU



HAWAII STATE DEPARTMENT OF EDUCATION  
 HawaiiPublicSchools.org



# Demographics



## PEARL CITY COMPLEX

1 High School  
1 Intermediate  
8 Elementary

6,235 Students  
37.26% SES  
3.11% ELL  
10.38% IDEA

## WAIPAHU COMPLEX

1 High School  
1 Intermediate  
5 Elementary

8,365 Students  
61% SES  
13.90% ELL  
9.16% IDEA



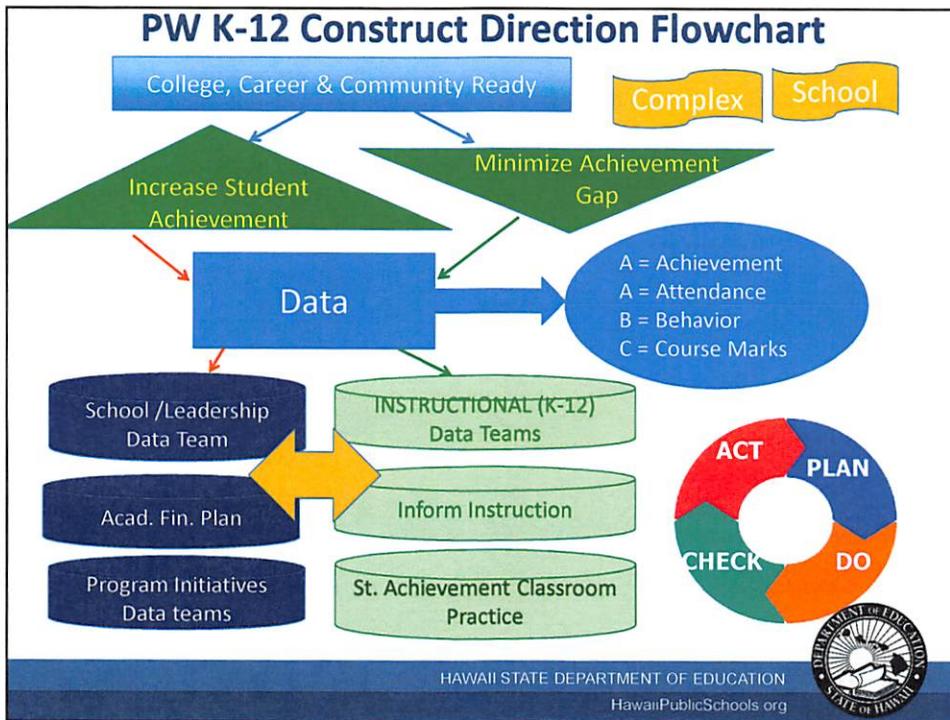
## PEARL CITY-WAIPAHU COMPLEX AREA STRIVE HI 2015 CLASSIFICATION

- 3 Recognition Schools
- 14 Continuous Improvement

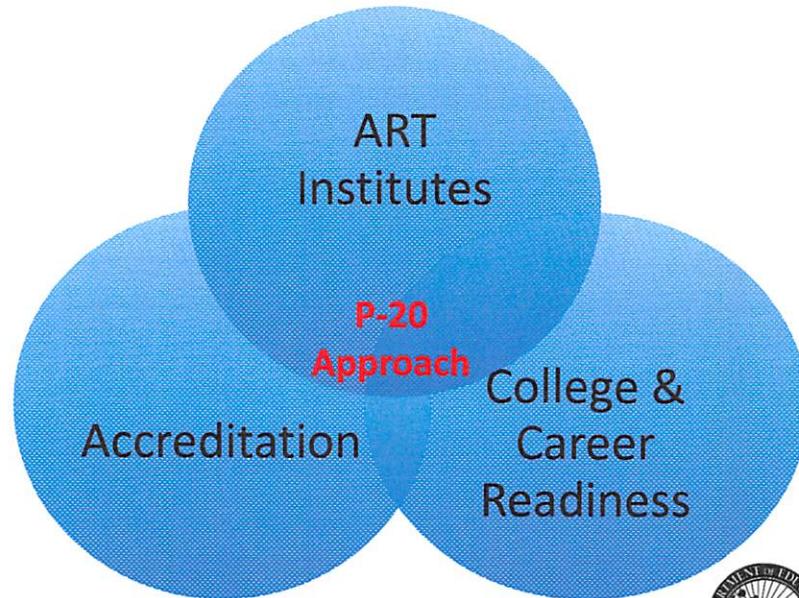
**Blue Ribbon School:**  
Palisades Elementary School

**Former Blue Ribbon School:**  
Momilani Elementary School





## Complex Area Initiatives



HAWAII STATE DEPARTMENT OF EDUCATION



## Complex Area Initiatives

### ART Institutes

- School improvement process -- PDCA
- Closing achievement gap

HAWAII STATE DEPARTMENT OF EDUCATION

HawaiiPublicSchools.org



## Complex Area Initiatives

### Accreditation

- Self-study
- What's working?
- What supports are in place?

HAWAII STATE DEPARTMENT OF EDUCATION  
HawaiiPublicSchools.org



## Complex Area Initiatives

### College and Career Readiness

- On time graduation
- ACT/SBA results
- College going rate

HAWAII STATE DEPARTMENT OF EDUCATION  
HawaiiPublicSchools.org





# Waipahu High School

MY VOICE • MY CHOICE • MY FUTURE

HAWAII STATE DEPARTMENT OF EDUCATION  
HawaiiPublicSchools.org



## **College and Career Ready** Waipahu High School

Hawaii State Board of Education  
Bright Spots  
September 6, 2016

HAWAII STATE DEPARTMENT OF EDUCATION  
HawaiiPublicSchools.org





## ***My Voice • My Choice • My Future***

### Waipahu High School

Hawaii State Board of Education

Bright Spots

September 6, 2016

HAWAII STATE DEPARTMENT OF EDUCATION

HawaiiPublicSchools.org



## Smaller Learning Communities

- Personalize education for all students
- Provide equal opportunities to learn with a rigorous and relevant curriculum
- Provide a system of support to advocate the academic and personal success for each student
- Prepare students for a wide range of post secondary options
- Driven by research

HAWAII STATE DEPARTMENT OF EDUCATION

HawaiiPublicSchools.org



## *Smaller Learning Communities* Building Common Experiences

*Who is our customer?  
What do they expect?*

HAWAII STATE DEPARTMENT OF EDUCATION  
HawaiiPublicSchools.org



## **As the director of human resources, what kind of employee would you hire?**

### **Seven Survival Skills**

- Critical Thinking and Problem Solving
- Collaboration and Leadership
- Agility and Adaptability
- Initiative and Entrepreneurialism
- Effective Oral and Written Communication
- Accessing and Analyzing Information
- Curiosity and Imagination

### **General Learner Outcomes**

- Self Directed Learner
- Community Contributor
- Complex Thinker
- Quality Producer
- Effective Communicator
- Effective & Ethical User of Technology

HAWAII STATE DEPARTMENT OF EDUCATION  
HawaiiPublicSchools.org



## How are you providing opportunities for students to demonstrate their proficiency in these areas?

### Seven Survival Skills

- Critical Thinking and Problem Solving
- Collaboration and Leadership
- Agility and Adaptability
- Initiative and Entrepreneurialism
- Effective Oral and Written Communication
- Accessing and Analyzing Information
- Curiosity and Imagination

### General Learner Outcomes

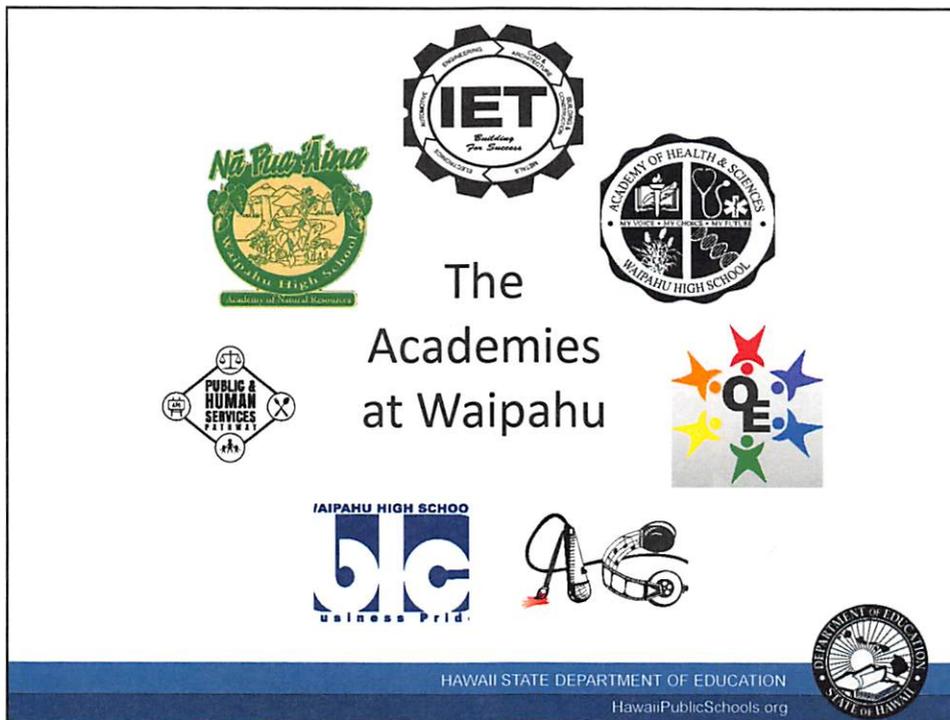
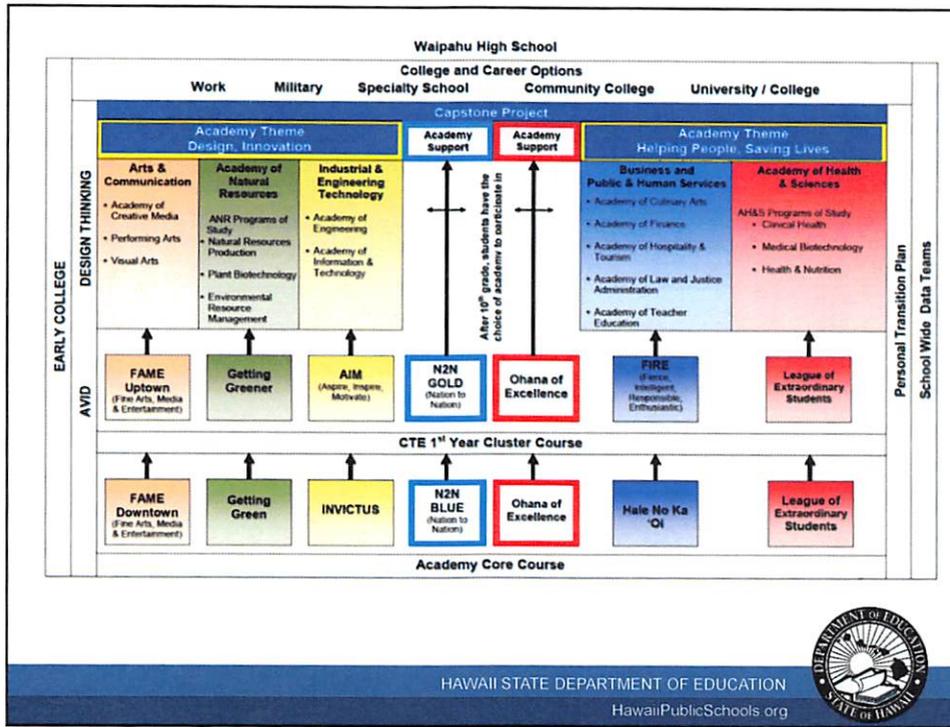
- Self Directed Learner
- Community Contributor
- Complex Thinker
- Quality Producer
- Effective Communicator
- Effective & Ethical User of Technology



How do we satisfy our customer?  
Who are our clients?

**My Voice • My Choice • My Future**





Finding their passion

*My Voice • My Choice • My Future*

HAWAII STATE DEPARTMENT OF EDUCATION  
HawaiiPublicSchools.org



## Business Learning Center

HIUSA Student Operated FCU

Student PBL: BLC Graduation 2016



HAWAII STATE DEPARTMENT OF EDUCATION  
HawaiiPublicSchools.org



# Business/Culinary Academies Hospitality Day 2016, State Capitol



HAWAII STATE DEPARTMENT OF EDUCATION  
HawaiiPublicSchools.org



HAWAII STATE DEPARTMENT OF EDUCATION  
HawaiiPublicSchools.org



# Culinary Arts Academy Hawaii Supreme Court Justices



HAWAII STATE DEPARTMENT OF EDUCATION  
HawaiiPublicSchools.org



# Academy of Engineering National Academy Foundation *Be Future Ready*



HAWAII STATE DEPARTMENT OF EDUCATION  
HawaiiPublicSchools.org



## Ten National Standards of Practice

- Defined Mission and Goals
- Academy Design
- Host Community and High School
- Faculty and Staff
- Professional Development and Continuous Learning
- Governance and Leadership
- Teaching and Learning
- Employer, Post Secondary Education, and Community involvement
- Student Assessment
- Sustainability

HAWAII STATE DEPARTMENT OF EDUCATION  
HawaiiPublicSchools.org



## WHS National Academy Certifications *Health & Sciences and Natural Resources*

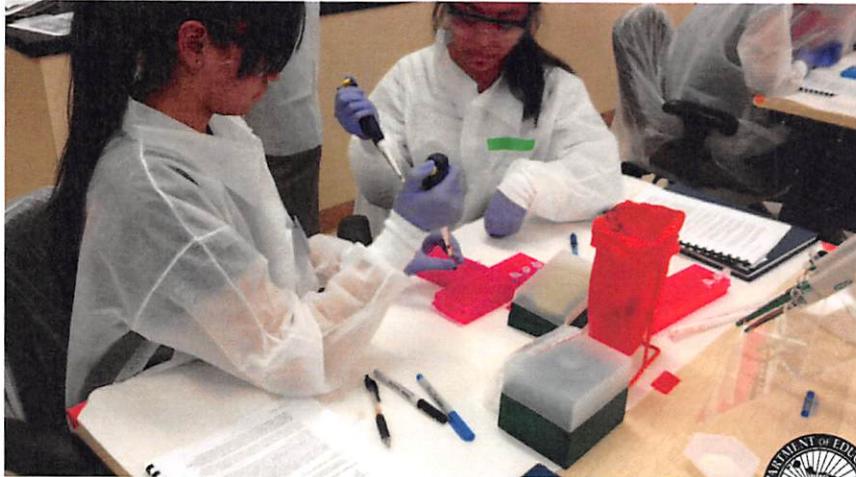


HAWAII STATE DEPARTMENT OF EDUCATION  
HawaiiPublicSchools.org



# Academy of Health and Sciences

*Nationally Certified*



HAWAII STATE DEPARTMENT OF EDUCATION  
HawaiiPublicSchools.org

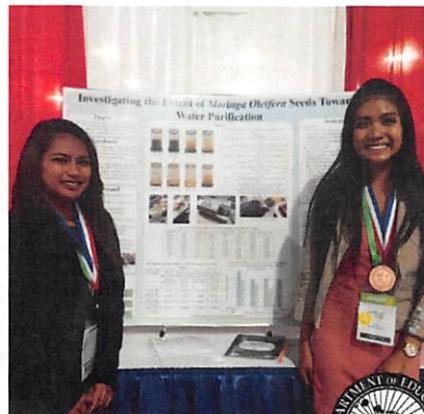


# 2016 International Competitions

## Science and Engineering Fair



## Sustainable World Energy, Engineering, Environment Project



HAWAII STATE DEPARTMENT OF EDUCATION  
HawaiiPublicSchools.org



# Academy of Natural Resources

*Nationally Certified*



HAWAII STATE DEPARTMENT OF EDUCATION  
HawaiiPublicSchools.org



## Video link

<https://vimeo.com/180701508/1ddcb2bbdd>

HAWAII STATE DEPARTMENT OF EDUCATION  
HawaiiPublicSchools.org



What do you want to be when  
you grow up?

HAWAII STATE DEPARTMENT OF EDUCATION  
HawaiiPublicSchools.org



What kinds of problems do you  
want to solve?

HAWAII STATE DEPARTMENT OF EDUCATION  
HawaiiPublicSchools.org



## What kinds of problems do you want to solve?

- Identify the knowledge, skills, and abilities you will need
- Take ownership of your learning
- Create mastery of the most critical skills you will need
- Opportunity to leverage experiences and to think about purpose
- Dream

HAWAII STATE DEPARTMENT OF EDUCATION  
HawaiiPublicSchools.org



Our students can succeed...

Early College  
***Equity of Opportunity***

HAWAII STATE DEPARTMENT OF EDUCATION  
HawaiiPublicSchools.org



## So what is *Early College*?

- Increase college and career readiness for:
  - Economically disadvantaged
  - First generation college goers
  - English Language Learners
  - Underrepresented students
- While maintaining rigorous academic standards
- Opportunity is determined by effort

HAWAII STATE DEPARTMENT OF EDUCATION  
HawaiiPublicSchools.org



## *Early College*

- National Early College Conference Presenters
- McNerny Foundation Support – Total of \$1.65 Million
- *Change the trajectory of our students, our families, and eventually our communities.*

HAWAII STATE DEPARTMENT OF EDUCATION  
HawaiiPublicSchools.org



## Early College Progression

- Summer 2012
- Psychology 100
- Fall 2012
  - History 151
  - Speech 151
- Spring 2013
  - English 100
  - Sociology 100
  - Astronomy 110
  - Math 205
- Summer 2013
  - English 100
  - Psychology 100
- Fall 2013 & Spring 2014
  - Math 205
  - Microbiology 130
  - Psychology 100 (2)
  - English 100 (7)
  - Art 101
  - Sociology 100 (2)
  - Anthropology 152 (2)
  - History 151
  - Philippines History Culture 203
  - Speech 151
  - Religion 151
  - Freshman Seminar IS100 (2)
  - Astronomy 110

HAWAII STATE DEPARTMENT OF EDUCATION  
HawaiiPublicSchools.org



## Early College Progression 2014-2015

- Fall 2014
  - English 100 (2)
  - History 151
  - Art 101
  - Art 113
  - Philosophy 110
  - Education 100
  - Math 103
  - Tagalog 101
  - Speech 151
  - Culinary 112
  - Philosophy 100
- Spring 2015
  - Math 205
  - English 100
  - Sociology 100
  - Sociology 218
  - Anthropology 151
  - ICS 110
  - Speech 151
  - Religion 151
  - Philippines History Culture 203
  - Freshman Seminar IS100
  - Music 107
  - Tagalog 102

HAWAII STATE DEPARTMENT OF EDUCATION  
HawaiiPublicSchools.org



## Early College Progression 2015

- Summer 2015
  - English 100 (2)
  - Psychology 100
  - Sociology 100
  - Astronomy 110 (2)
  - Freshman Seminar IS100
- Fall 2015
  - Microbiology 130
  - English 100 (2)
  - Sociology 100
  - Psychology 100
  - Art 101
  - Speech 151
  - Education 100
  - Music 107
  - Samoan 107
  - Philosophy 110

HAWAII STATE DEPARTMENT OF EDUCATION  
HawaiiPublicSchools.org



## Early College Progression 2016

- Spring 2016
  - Math 241
  - English 100
  - English 204
  - Religion 207
  - Asian Studies 203
  - Philosophy 110
  - Sociology 100
  - Botany 130
  - ICS 111
  - Speech 151
  - Hawaiian Studies 107
  - Human Services 100
  - Culinary 112
  - Anthropology 152
- Summer 2016
  - Astronomy 110 (2)
  - English 100 (2)
  - Sociology 218
  - Psychology 100 (2)
  - Freshman Seminar IS100 (2)

HAWAII STATE DEPARTMENT OF EDUCATION  
HawaiiPublicSchools.org



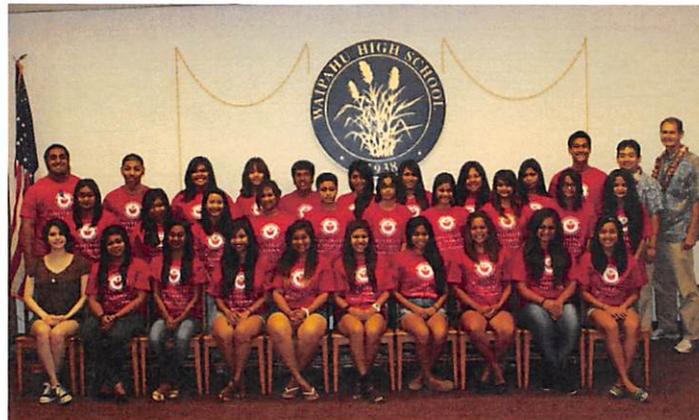
## Early College Progression 2016-2017

- Fall 2016
  - Microbiology 130
  - Botany 130
  - English 100
  - History 151
  - Art 101
  - Philosophy 110
  - Speech 151
  - Music 107
  - Tagalog 102
  - Education 100
- Spring 2017 Anticipated
  - Math 205
  - English 100
  - English 204
  - Asian Studies 203
  - Religion 207
  - Religion 207 WI
  - ICS 111
  - Sociology 100
  - Speech 151 (2)
  - History 151
  - Culinary 112
  - Music 107
  - Pacific Worlds PACS 108
  - Hawaiian Studies 107
  - Freshman Seminar IS100 (2)

HAWAII STATE DEPARTMENT OF EDUCATION  
HawaiiPublicSchools.org



## Waipahu High School Early College Established Summer 2012



Waipahu High School Early College  
Spring 2013



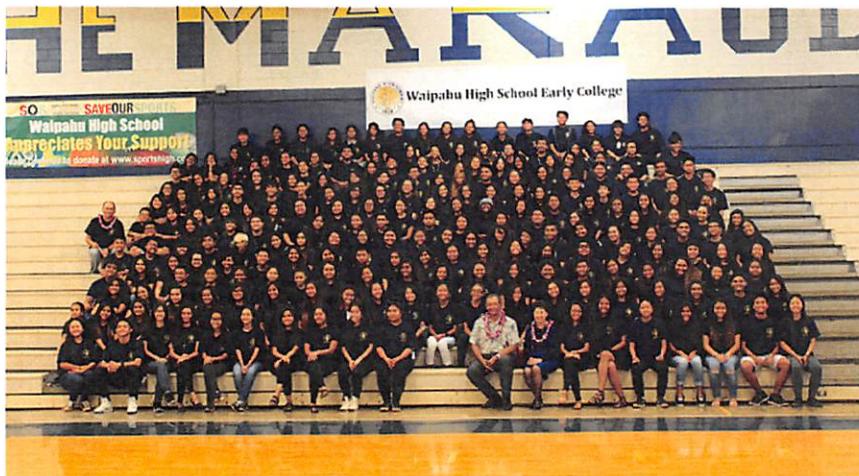
Waipahu High School Early College  
Spring 2014



## University of Hawaii West Oahu 2015

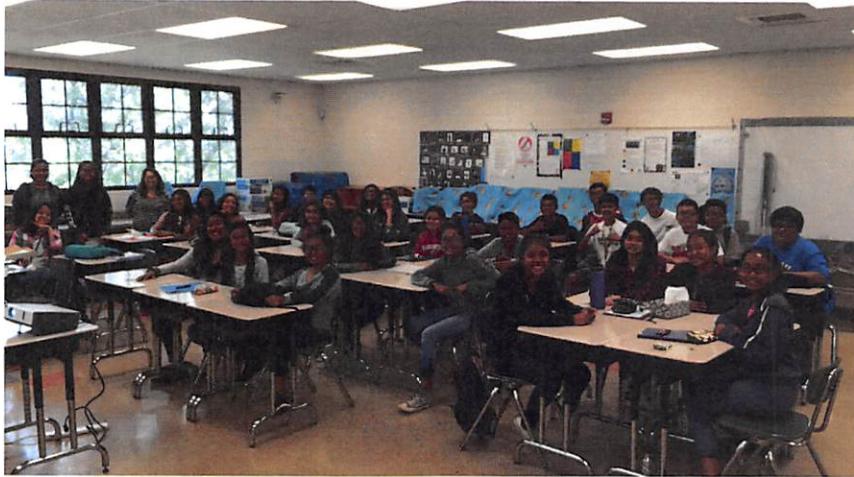


## Waipahu High School Early College Spring 2016

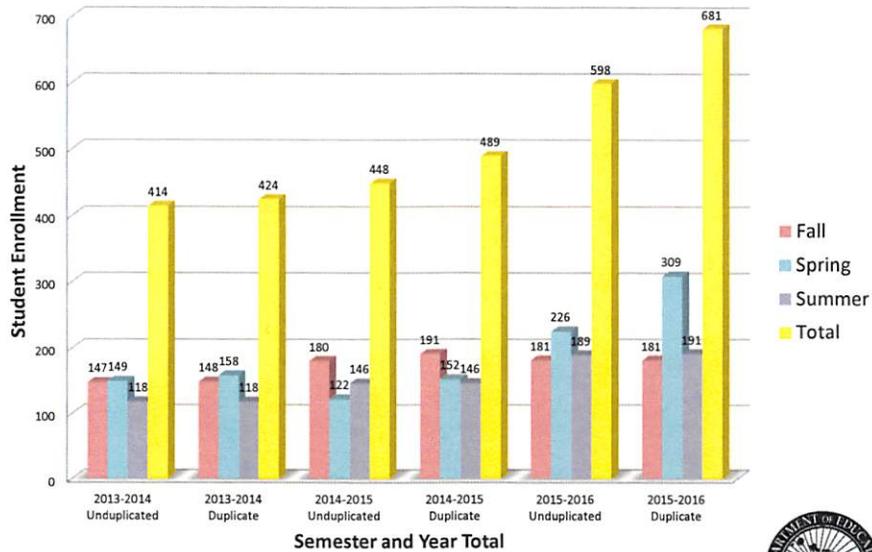


# Class of 2020: STEM Summer Camp

## Dr. John Hirano



Waipahu High School  
Early College Enrollment 2013-2016



## SCALING UP the Bright Spots...

- Early College Needs and Impacts
- Academy of Astrophysics @ Lawrence Livermore National Lab
- NCAC Insight/Onsite Conference

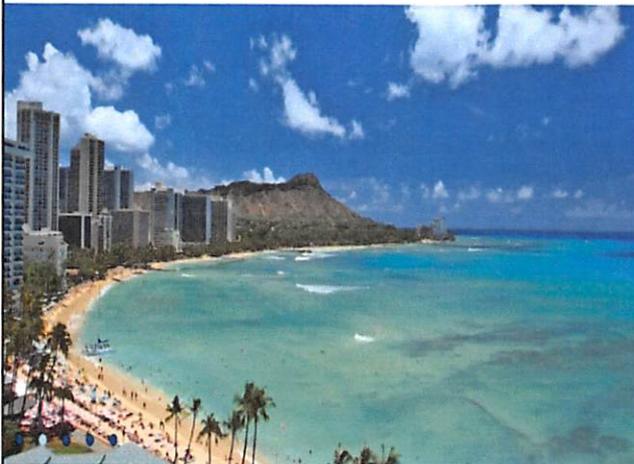
**My Voice • My Choice • My Future**

HAWAII STATE DEPARTMENT OF EDUCATION  
HawaiiPublicSchools.org



National Career  
Academy Coalition

[About NCAC](#) • [National Standards Of Practice](#) • [What We Do](#) • [Academy Resources](#) • [The NCAC Network](#) • [National Conference](#) • [Member Login](#)



### NCAC Insight Onsite - Hawaii at Waipahu

October 19 - 21, 2016

[Click Here for More Information](#)

HAWAII STATE DEPARTMENT OF EDUCATION  
HawaiiPublicSchools.org



Helping students to find their  
passion & providing  
opportunities and supports for  
success.

Every student has a story...

*Relationships, Relevance, and Rigor*

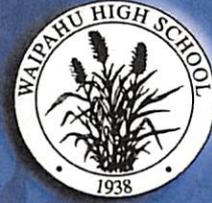
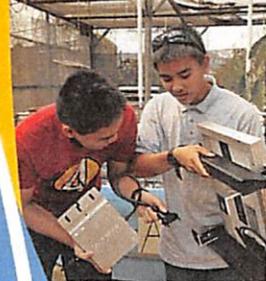
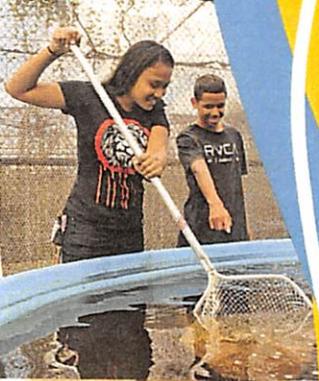
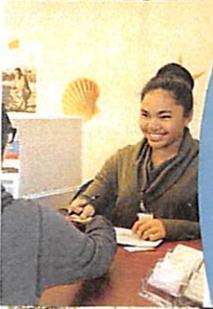
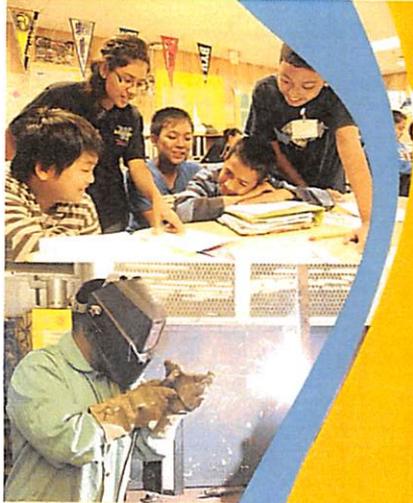
*Play, Passion, Purpose*

***My Voice , My Choice, My Future***

HAWAII STATE DEPARTMENT OF EDUCATION

HawaiiPublicSchools.org





*Waipahu High School*  
MY VOICE MY CHOICE MY FUTURE

CAREER PATHWAY  
HANDBOOK

94-1211 Farrington Highway,  
Waipahu, HI 96797  
Phone: (808) 528 - 9555  
Fax: (808) 675 - 0257

## PRINCIPAL'S CORNER



Dear Family and Friends,

Aloha and welcome to Waipahu High School, Home of the Marauders. As a College and Career Academy high school, we're focused on helping students to identify their passion, and providing the opportunities and supports for success. Our student-centered motto is My Voice • My Choice • My Future.

Students at Waipahu High School enroll in one of six career pathways and eleven career academies, including: Creative Media, Culinary, Engineering, Finance, Hospitality and Tourism, Information Technology, Law and Justice, and Teacher Education. The Academy of Health & Sciences and the Academy of Natural Resources have been recognized as National Model Academies by the National Career Academy Coalition. These academies are the first in the State of Hawaii to obtain this prestigious honor.

Students in all academies and pathways begin their experiences in "houses" for freshmen and sophomores. The houses are comprised of teams of common teachers, counselors, and an assistant principal who collaboratively provides a system of support and enhanced personalization for students as they transition through their first two years of high school. As juniors and seniors, students may elect to participate in any one of the twenty-five programs of study that are aligned with rigorous industry and post-secondary standards. The faculty and staff at Waipahu High School are truly dedicated professionals committed to the success of all students.

Waipahu High School also features a robust Early College program thanks to the generous financial support of over \$1.65 million dollars from the McInerney Foundation, and thanks to our outstanding post-secondary partners at the University of Hawaii at West Oahu and Leeward Community College. Last year, over 650 students took rigorous college courses, ranking Waipahu High School at the top of dual credit enrollment of all high schools in the State of Hawaii.

In addition to programs that strengthen academic and career readiness, students enjoy participating in athletics, student councils, and a myriad of student activities. There are 17 sports and 30 student clubs and organizations to join to build leadership skills and to develop interests and talents.

We trust that this booklet will provide a brief introduction to Waipahu High School. If you would like to learn more about the exciting and innovative happenings, please visit our official webpage ([http://www.edline.net/pages/waipahu\\_high\\_school](http://www.edline.net/pages/waipahu_high_school)) or contact us at 808-307-9555.

Aloha,

Keith Hayashi  
Principal

## WAIPAHU HIGH SCHOOL

### School Vision:

Waipahu High School's vision is to provide student-centered educational programs that challenge all students to perform at their highest potential.

### School Mission:

Waipahu High School prepares students for success in the 21st century by engaging them in rigorous and relevant learning opportunities that promote academic, physical, and emotional growth.

Waipahu High School was founded in 1938. In 1969, the high school was moved to its present site at 94-1211 Farrington Highway. The school sits on approximately 44 acres of land and has the following features:

- Total Number of Students SY 2015-2016: 2475 students
- 14 classroom buildings, 22 portable classrooms
- Administration/Counseling Services Building
- Library
- Cafeteria
- Athletic Complex consisting of a gym, weight room, football/track and field stadium, baseball/softball field, tennis courts, and multi-purpose outdoor courts
- Computer Lab Locations: E-3 Career Center, H-10, Library, Q203
- Career Center (E-3)
- College Center (E-1)
- Student Support Services (G-104)
- Student Learning Time - after school tutoring
- 6 Career Pathways - Arts and Communication, Business, Health, Industrial Engineering & Technology, Natural Resources, Public & Human Services
- 14 Smaller Learning Community (SLC) Houses - Grade 9 (7), Grade 10 (7)
- 28 Student Clubs and Organizations
- 17 Sports
- College courses on WHS campus: Astronomy 110, English 100 Summer Bridge IS100, Art 101, Education 100, Filipino / Tagalog 101, History 151, Microbiology 130, Phil 110, Speech 151, ASAN 203, Botany 130, Culinary Arts 112, English 204, Hawaiian Studies 107, HSER 100 Self Exploration, ICS 111, Math 205, Music 107, Religion 207, Sociology 100, Speech 251 (WI), Filipino / Tagalog 102, HWST 107 Hawai'i: Center of the Pacific, PHIL 100 Introduction to Philosophy, Anthropology 151 or 152, Music in World Cultures 107, English 100, MUS 107 Music in World Cultures, Elementary Samoan 107, Sociology 100, Psychology 100

### Administration/Faculty:

Principal  
Assistant Principals - 7  
Athletic Director  
Teachers - 145  
Librarians - 3  
Counselors - 11  
Student Services Coordinators - 2  
Student Activities Coordinator  
Security - 6

### Colors:

Navy Blue and Gold

### Mascot:

Marauder

## GENERAL LEARNER OUTCOMES (GLOS)

### VISION OF A HAWAII PUBLIC GRADUATE

All Hawaii public school graduates will:

- Realize their individual goals and aspirations
- Possess the attitudes, knowledge and skills necessary to contribute positively and compete in a global society
- Exercise the rights and responsibilities of citizenship
- Pursue post-secondary education and/or careers without the need for remediation

### SIX GENERAL LEARNER OUTCOMES (GLOS)

The General Learner Outcomes (GLOs) serve as the essential, overarching goals of standards based learning. The GLOs are integrated into all areas of the school and students are expected to demonstrate the GLOs in their daily learning experiences, assessments, and co-curricular experiences. The GLOs are:

#### GLO #1: Self-Directed Learner

The ability to be responsible for one's own learning

#### GLO #2: Community Contributor

The understanding that it is essential for human beings to work together

#### GLO #3: Complex Thinker

The ability to be involved in complex thinking and problem solving

#### GLO #4: Quality Producer

The ability to recognize and produce quality performance and products

#### GLO #5: Effective Communicator

The ability to communicate effectively with a variety of audiences for a variety of purposes

#### GLO #6: Effective and Ethical User of Technology

The ability to use a variety of technologies effectively and ethically

State of Hawaii School Priorities

Student Achievement, Safety and Well Being, and Civic Responsibility

## ARTS & COMMUNICATION PATHWAY

### Vision:

To develop creativity, personal expression, divergent thinking, and problem-solving skills in students so they can apply them to all areas of their lives.

### Mission:

The Arts and Communication Pathway nurtures individual and professional success by providing students with experiences, knowledge, and skills using principles of design in the media, performing, and visual arts.

### Student Reviews:

"The Arts and Communication pathway has taught me many skills that cannot be found in textbooks. I have broadened my academic experiences, gained self-confidence, and increased my business and social networks."

Alani Asis,  
10th Grade

"The pathway has provided me with many skills that will help me as a future journalist. The experiences in my classes and slam poetry club have improved my creativity, vocabulary, and writing."

Angelica Relente,  
11th Grade

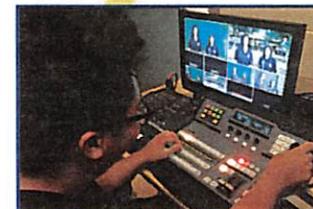


"The media arts and news writing classes paved the way for my entire college and journalism career. I gained editorial, interviewing, and production skills that proved to be invaluable in the news industry. These skills placed me well ahead of my journalism classmates and helped me get my current job as a Senior Publicist at MSNBC in New York City."

Lorie Anne Acio,  
WHS Alumni

### Courses:

Band  
Broadcast Media  
Ceramics  
Chorus  
Creative Dance  
Drama & Theatre  
Drawing & Painting  
Graphic Design  
Guitar  
Hawaiian Dance  
Music Appreciation  
Music Technology  
Newswriting  
Piano  
Photography  
Polynesian Music  
Printmaking  
Web Design  
Yearbook



### Possible Career Fields:

Animation  
Advertising & Marketing  
Architecture  
Art Therapy  
Artist  
Broadcasting  
Choreography  
Computer Aided Drafting  
Dance  
Education/Teaching  
Entertainment Industry  
Fashion Design  
Graphic Design  
Illustrator  
Interior Design  
Industrial Design  
Marketing & Promotion  
Media Arts  
Musician/Music Industry  
Photography  
Public Relations  
Publishing/Writing  
Singing/Songwriting  
Theatre  
Video Game Design  
Videography  
Web Design

Pathway Website:  
<http://goo.gl/5FtcSP>

# INDUSTRIAL ENGINEERING & TECHNOLOGY PATHWAY



**Vision:**

To develop a highly skilled citizen that contributes to society.

**Mission:**

The Industrial Engineering & Technology Pathway prepares students for the technological workforce community by fostering innovation, trustworthiness, and integrity.

**Student Reviews:**

"IET will provide more hands-on learning experiences. IET also prepares you to be part of the industrial workforce."

Josh Renzo Claudio,  
12th Grade

**Possible Career Fields:**

- AC Refrigeration
- Architect
- Carpenter
- Computer Tech
- Programmer
- Electrician
- Engineer
- Civil
- Architectural
- Electrical
- Industrial
- Embedded
- Technician
- Mechanical
- Information Security Analysts
- Insulation Workers, Mechanical
- Interior Designer
- Linesman
- Mechanic
- Automotive
- Diesel
- Airframe
- Marine
- Heavy Equipment
- Microelectronics
- Network Technician
- Plumber
- Radiologist
- Security Tech
- Sheetmetal Worker
- Surveyor
- Welder

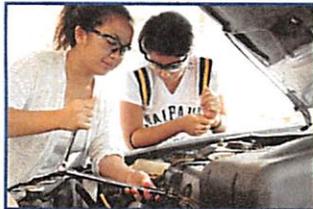
Pathway Website:  
<http://goo.gl/4E4cZ0>

"IET Pathway has reinforced my love for engineering. The various activities and career exploration projects of the multiple engineering fields helped me to know what an engineer is."

Sydney Millerd,  
12th Grade

"The IET Pathway helped me improve my design and critical thinking skills. The IET teachers were really caring and helpful in teaching us the skills students needed as we prepared for our careers. The teachers believed that we were able to do it and helped us do it."

Juanito Moises, Jr.,  
WHS Alumni



**Courses:**

- 3D Solid Modeling
- A+ Certification Intro
- A+ Computer Systems
- Academy of Engineering
- Architecture
- Automotive Technology
- Building & Construction
- Technology
- Computer Aide Drafting
- Design Technology
- Electronics Technology
- Engineering
- IET Core
- Information Technology (CISCO)
- Intro to Computer/Computer Systems
- Intro to Engineering
- Metals Technology
- Networking/CISCO
- WAN & Networking
- Architecture

# ACADEMY OF NATURAL RESOURCES



**Mission:**

The Academy of Natural Resources prepares all students to become environmentally conscious citizens who practice good environmental stewardship throughout their lifetime and become contributors to a sustainable world.

**Goals:**

Goal 1: Students will demonstrate relevancy of academic courses and show how attaining high standards relates to career success.

Goal 2: Students will develop knowledge about careers and opportunities in Hawaii where they may best utilize their talents and aptitudes.

Goal 3: Students will develop a personal guidance plan to prepare for college and career opportunities in the current job market, military, college, technical school and/or a combination of these options.

**Student Reviews:**

"With help from the Academy teachers, I was able to feel secure in my abilities and gain more confidence."

Kadi Nakamura,  
9th Grade

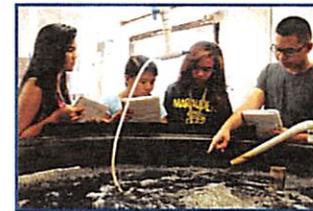
"The Academy makes me feel like I can be myself and still achieve my goals within the Pathway."

Kathleen Francisco,  
10th Grade

**Courses:**

- 1st Year**
- Natural Resources Core
- 2nd Year**
- Natural Resources
- Production I
- Natural Resources
- Biotechnology
- Environmental Resource Management
- 3rd Year**
- Natural Resources
- Production II
- Natural Resources
- Biotechnology II
- Directed Studies Natural Resources
- Natural Resources Bus Dev
- NRCP Capstone (Senior Project)
- STEM Capstone
- 4th Year**
- NRCP Capstone (Senior Project)

**Required CTE Program of Study Academic Course**  
Biology or Equivalency



"I feel as though being a part of the Academy of Natural Resources will help me to reach my goals of becoming a marine biologist/conservationist."

Christian Fernando,  
10th Grade

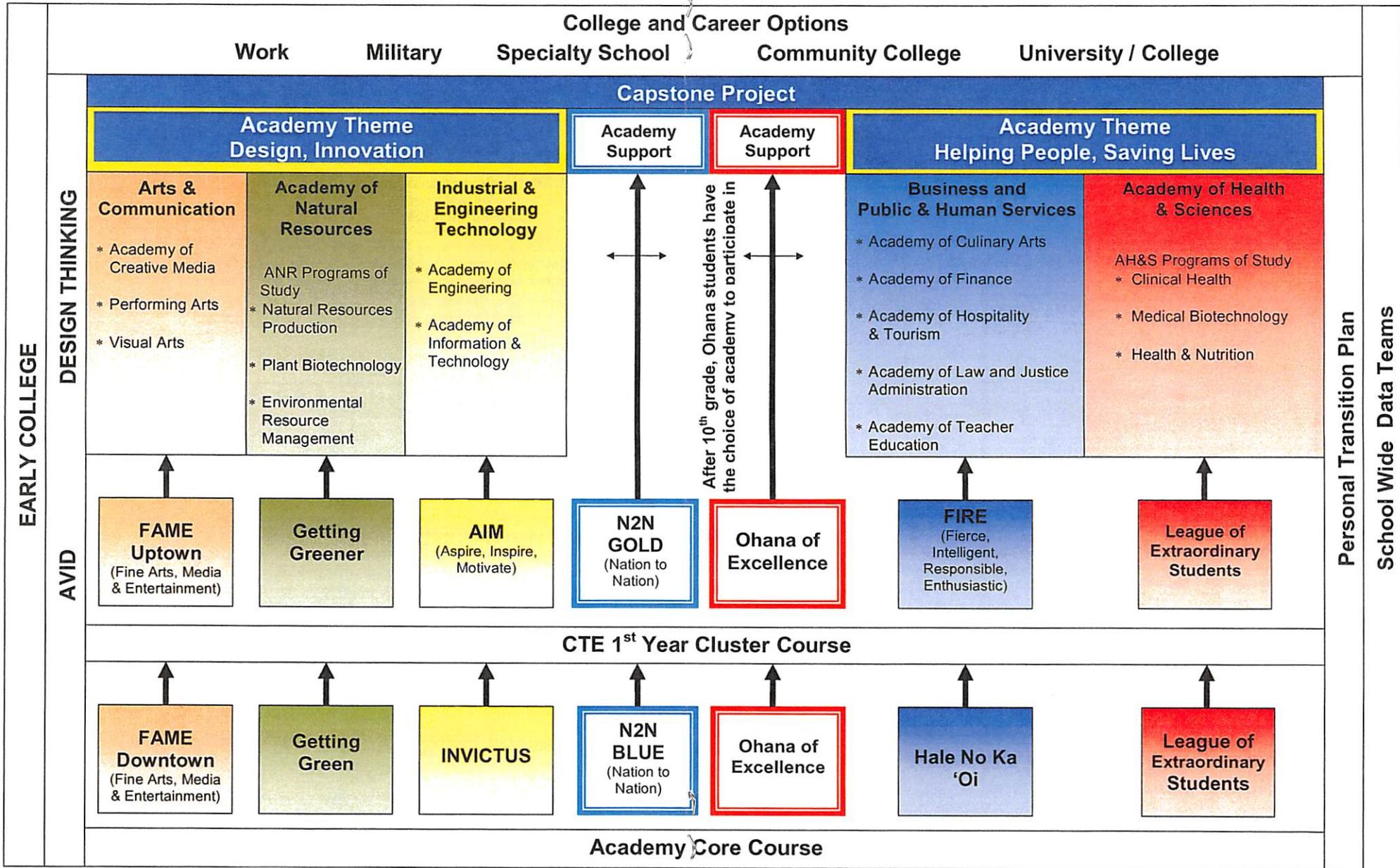
**Possible Career Fields:**

- Agricultural Extension Agent
- Agricultural Inspector
- Agricultural Teacher
- Agronomist
- Animal Scientist
- Biochemist
- Biomass Engineer
- Botanist
- Entomologist
- Environmental Scientist
- Farm Labor Contractor
- Floral Designer
- Field Manager
- Fish & Wildlife Warden
- Forest & Conservation Technician
- Forestry Manager
- Greenhouse Technician
- Livestock Extension Agent
- Marine Biologist
- Molecular Biologist
- Nursery Technician
- Park Naturalist
- Soil & Water Conservationist
- Soil Scientist
- Veterinarian
- Veterinary Assistant
- Wildlife Biologist

Pathway Website:  
<http://goo.gl/tJTCNG>

# Waipahu High School

Revised 8/2016



## BUSINESS PATHWAY



### Vision:

The Business Pathway's vision is to provide an academic and professional educational program that will prepare students for post-secondary success and careers in business.

### Mission:

The mission of Waipahu High School's Business Pathway is to provide innovative programs where student learning and career planning are relevant, and partnerships are promoted.

### Student Reviews:

"The business pathway gave me the opportunity to learn valuable lessons that I can take into whatever career field I want to pursue. It has made me ready to go out into the real world, even if I don't know where I specifically want to go yet. This pathway gave me experience that opens all kinds of doors."

Abigail Badua,  
11th Grade

"A career shadow at the Aloha Pacific Federal credit union was an incredible experience. We were able to have lunch with the executives and have an inspiring conversation about life, school, and my career."

Scott Fian,  
12th Grade

"I have a big appreciation for the Business Pathway because it really helped develop me while in high school. Because of the many pathway experiences, I had the opportunity to do things not everyone has a chance to do."

Shauna Cabel,  
WHS Alumni

### Possible Career Fields:

Account Executive  
Accountant (CPA)  
Budget Analyst  
Business Owner  
Entrepreneur  
Financial Analyst  
Financial Planner  
Hotel Manager  
Human Resource Manager  
Insurance Agent  
Investment Portfolio Manager  
Loan Officer  
Management Consultant  
Market Research Analyst  
Marketing Director  
Network Administrator  
Network Designer  
Operations Manager  
Real Estate Appraiser  
Sales Manager  
Special Events Coordinator  
Stockbroker  
Store Manager  
Travel Coordinator



### Courses:

Academy of Finance  
Academy of Hospitality & Tourism  
Academy of Information Technology  
Accounting  
Business Core  
Economics  
Entrepreneurship  
Financial Literacy  
Graphics Arts  
Marketing (DECA)

Pathway Website:  
<http://goo.gl/IB6dP2>

## ACADEMY OF HEALTH AND SCIENCES



### Vision:

The Mission of the Health & Sciences Academy is to create a nurturing environment that encourages high expectations for success through relevant and rigorous interdisciplinary learning experiences as it prepares all students for college and career success.

### Goals:

1. By 2020, 25% of academy students will reach an ACT composite score of 21 or better by their senior year with a 1% increase per year.
2. The percentage of seniors accepted into an accredited post secondary program will increase from 85% to 90% by the year 2020.
3. The percentage of CTE completers will increase by 5% by the year 2020.

### Student Reviews:

"The Academy of Health & Sciences provides unique experiences that build skills & knowledge with hands-on interactive activities."

Jommel Macareg,  
11th Grade

"I experienced a lot more rigorous expectations that have set the foundation for my future."

Gabrielle Dang,  
12th Grade

"This Academy is unique because we 'experience' what health services has to offer in addition to learning about proper health care."

Lorie Ann Mangay-Ayam  
WHS Alumni

### Courses:

AP Biology  
AP Chemistry  
AP Physics  
Clinical Health  
Health & Nutrition  
Health Services Core  
Health Services Entrepreneurship  
Health: Today & Tomorrow Hybrid  
Human Physiology & Anatomy  
Medical Biotechnology  
Nurse's Aide Training



### Possible Career Fields:

Audiologists  
Cardiovascular Technologists and Technicians  
Dental Hygienists  
Home Health Aides  
Medical Coding  
Medical and Clinical Laboratory Technicians  
Medical Secretaries/Medical Assistants  
MRI (Magnetic Resonance Imaging) Specialists  
Nurse Practitioners  
Nursing Instructors and Teachers, Postsecondary  
Occupational Therapists  
Orthotists and Prosthetists  
Physical Therapists  
Registered Nurses  
Sonography Technicians  
Radiation Therapists  
Respiratory Therapists  
Veterinary Technologists and Technicians

Pathway Website:  
<http://goo.gl/LvOPX>

## PUBLIC & HUMAN SERVICES PATHWAY



### Vision:

To provide student-centered activities that will challenge all students to perform at their highest potential.

### Mission:

To prepare students with a skill set that will prepare them for post secondary institutions and careers beyond high school. Our program is designed provide real world experiences in a safe and meaningful environment, to encourage personal growth and academic achievement so each student may be a successful contributor to society.

### Student Reviews:

"The philosophical chairs debate gave us confidence to speak up in front of an audience."

Cassie Gabinete,  
11th Grade

"By giving us the opportunity to decide for ourselves, FIRE house has allowed me to explore my creativity."

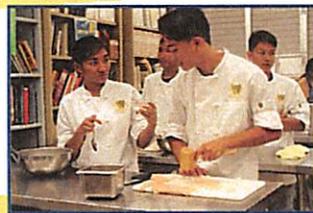
Kelsienna Kaseli,  
11th Grade

"Culinary class gave me a sense of passion and ambition."

Jesus Bautista,  
12th Grade

### Possible Career Fields:

Baker  
Bartender  
Caterer  
Child/Family/School Social Worker  
Customs  
Detectives  
Elementary School Teacher  
EMS  
Executive Chef  
Fast Food Preparers & Servers  
FBI  
Firefighters  
Food & Beverage Manager  
Front House Manager  
Hairdressers, Hairstylists & Cosmetologists  
Interpreters and Translators  
Janitors & Cleaners  
Judges  
Lawyers  
Maids & Housekeeping  
Cleaners  
Pastry Chef  
Police  
Preschool Teacher  
Psychologists  
Secondary School Teachers  
Sous Chef  
Special Education Teachers  
Substance Abuse & Behavioral Disorder Counselors  
Waiters/Waitresses



### Courses:

Baking & Pastry Arts  
Culinary I  
Culinary II  
Early Childhood Education  
Elementary Education  
Exploration in Education  
Health and Nutrition  
Health and Nutrition II  
Public and Human Services Core  
Secondary Education

### Pathway Website:

<http://goo.gl/9kX9mn>

## CLUBS, SPECIAL PROGRAMS, & SPORTS

### Clubs

- Band
- Class Council
- Club Med
- DECA  
(Distributive Education Clubs of America)
- Drama Club
- Engineers Club
- FCCLA  
(Family, Career, and Community Leaders of America)
- FCCLA - Culinary
- FilAm Club
- GEAR-Up
- Glee Club
- Ground Zero
- HOSA  
(Health Occupations Students of America)
- INTERACT
- Japanese Club
- Key Club
- Lei Hali'a Aloha
- LEO  
(Leadership Excellence Opportunities)
- Math Club
- National Honor Society
- Polynesian Club
- Skills USA
- Slammers (Slam Poetry)
- SOAR (Society of Avid Readers)
- Spanish Club
- Student Government
- Youth for Safety

### Sports

- Air Riflery
- Baseball
- Basketball
- Bowling
- Cross Country
- Football
- Golf
- Judo
- Paddling
- Pep Squad
- Soccer
- Softball
- Tennis
- Swimming
- Track & Field
- Volleyball
- Wrestling

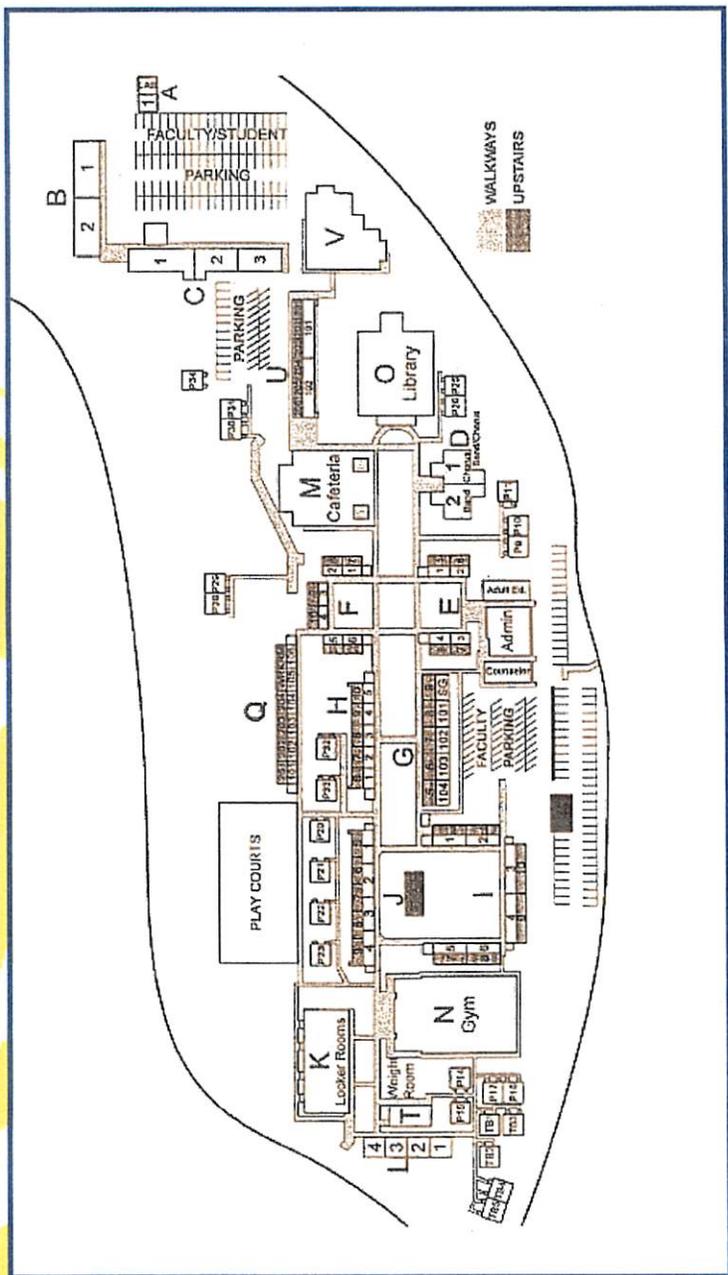
### World Languages

- Chinese
- Hawaiian
- Ilokano
- Japanese
- Korean
- Samoan
- Spanish

### Special Programs

- JROTC
- News Writing - Cane Tassel
- Yearbook

# SCHOOL MAP



# FOLLOW US ON



**Waipahu High School Official Website**  
[http://www.edline.net/pages/waipahu\\_high\\_school](http://www.edline.net/pages/waipahu_high_school)



**Waipahu High School "Official"**  
<https://www.facebook.com/pages/Waipahu-High-School-Official/1575032919388712>



**Waipahu High School Events**  
<https://vimeo.com/waipahuhighschool>



**Instagram**  
[@WaipahuHighSchool](https://www.instagram.com/WaipahuHighSchool)



**Twitter**  
[@WaipahuHigh](https://twitter.com/WaipahuHigh)

## CONTACT INFORMATION

Department Chair: Johann Montero  
Email: johann\_montero@notes.k12.hi.us

Pathway Lead: Michelle Aquino  
Email: michelle\_aquino@notes.k12.hi.us

Pathway Counselor: Stacey Suzuki  
Email: stacey\_suzuki@notes.k12.hi.us

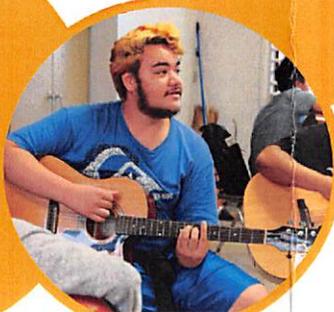
Pathway Counselor: Tamra Nakai  
Email: tamra\_nakai@notes.k12.hi.us

Assistant Principal: Alvan Fukuhara  
Email: alvan\_fukuhara@notes.k12.hi.us

Website: <http://goo.gl/5FtcSP>

“ Being a naturally quiet student, Arts and Communication is helping me to step out of my comfort zone and learn to communicate effectively. The skills I'm learning are preparing me for college and life after high school. ”

KEONI YANOS  
CLASS OF 2016



## AWARDS & RECOGNITIONS

### Band

**Kapolei Band Festival 2015**  
1st place overall – Single A Division  
**Kamehameha & Mililani Band Festival 2015**  
2nd place overall – Single A Division

### Drawing & Painting

**Aloha Harvest 2015** – 2nd place  
**Domestic Violence 2015** – 1st place  
**Parent and Children Together** – Category winner 2015  
**Zippy's Drug Free** – Finalist 2015 & 2014

### Media Arts

**PBS Hawaii Hiki Nō**  
Finalist for Cinematography 2015 and Short Story 2014  
**Olelo YouthXchange** – Category winners 2013 & 2012

### Newswriting

**Hawaii High School Journalism Awards 2015**  
3rd place – Editorial & Sports Writing

## FOLLOW WHS ON:

-  Instagram: @WaipahuHighSchool
-  Twitter: @WaipahuHigh
-  Facebook: Waipahu High School “Official”
-  Vimeo: <https://vimeo.com/waipahuhighschool>



94-1211 Farrington Highway  
Waipahu, HI 96797  
Phone: (808) 307-9555 | Fax: (808) 675-0257

[WWW.WAIPAHUHIGH.ORG](http://WWW.WAIPAHUHIGH.ORG)

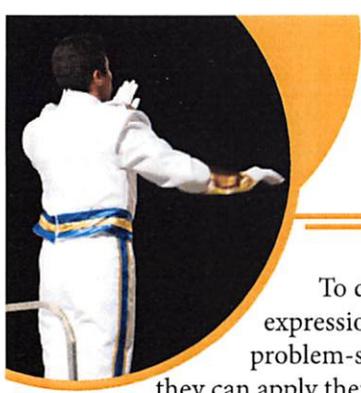
## WAIPAHU HIGH SCHOOL



## ARTS & COMMUNICATION P A T H W A Y



*My Voice, My Choice, My Future!*



## VISION

To develop creativity, personal expression, divergent thinking, and problem-solving skills in students so they can apply them to all areas of their lives.

## MISSION

The Arts and Communication Pathway nurtures individual and professional success by providing students with experiences, knowledge, and skills using principles of design in the media, performing, and visual arts.

## COURSES

- Band
- Broadcast Media
- Ceramics
- Chorus
- Creative Dance
- Drama & Theatre
- Drawing & Painting
- Graphic Design
- Guitar
- Hawaiian Dance
- Music Appreciation
- Music Technology
- Newswriting
- Piano
- Photography
- Polynesian Music
- Printmaking
- Web Design
- Yearbook



“The Arts and Communication pathway has taught me many skills that cannot be found in textbooks. I have broadened my academic experiences, gained self-confidence, and increased my business and social networks.”

ALANI ASIS  
CLASS OF 2018

“The pathway has provided me with many skills that will help me as a future journalist. The experiences in my classes and slam poetry club have improved my creativity, vocabulary, and writing.”

ANGELICA RELENTE  
CLASS OF 2017

## STUDENT *testimonies*

“The media arts and news writing classes paved the way for my entire college and journalism career. I gained editorial, interviewing, and production skills that proved to be invaluable in the news industry. These skills placed me well ahead of my journalism classmates and helped me get my current job as a Senior Publicist at MSNBC in New York City.”

LORIE ANNE ACIO  
WHS ALUMNI

“The pathway courses have allowed me to articulate my thoughts and emotions through various forms of expression. The experiences that are provided are practical and have given me a sense of self-fulfillment.”

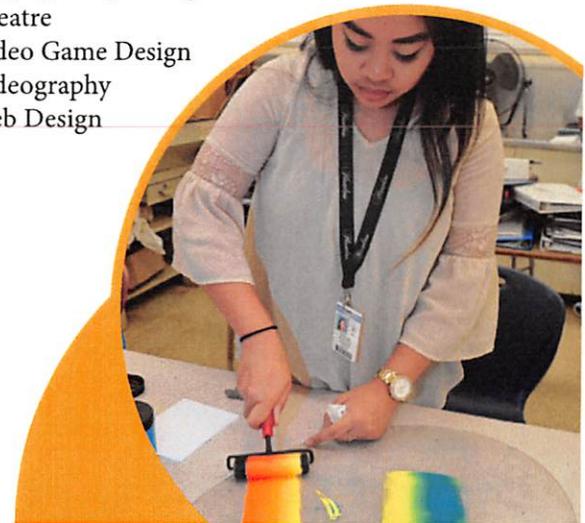
WILLIAM MUSE  
CLASS OF 2018

## CAREER FIELDS



Animation  
Advertising & Marketing  
Architecture  
Art Therapy  
Artist  
Broadcasting  
Choreography  
Computer Aided Drafting

Dance  
Education/Teaching  
Entertainment Industry  
Fashion Design  
Graphic Design  
Illustrator  
Interior Design  
Industrial Design  
Marketing & Promotion  
Media Arts  
Musician/Music Industry  
Photography  
Public Relations  
Publishing/Writing  
Singing/Songwriting  
Theatre  
Video Game Design  
Videography  
Web Design



## CONTACT INFORMATION

Mr. Brent Murakami

Email: [brent\\_murakami@notes.k12.hi.us](mailto:brent_murakami@notes.k12.hi.us)

Mrs. Chih Ling Chao

Email: [chih-ling\\_chao@notes.k12.hi.us](mailto:chih-ling_chao@notes.k12.hi.us)

Mrs. Cindy Takara

Email: [cindy\\_takara@notes.k12.hi.us](mailto:cindy_takara@notes.k12.hi.us)

Mrs. Lisa Sylva

Email: [flordeliza\\_sylva@notes.k12.hi.us](mailto:flordeliza_sylva@notes.k12.hi.us)

Mr. Todd Nakayama

Email: [todd\\_nakayama@notes.k12.hi.us](mailto:todd_nakayama@notes.k12.hi.us)

Website: [www.tinyurl.com/whs-blc](http://www.tinyurl.com/whs-blc)

Scan to watch video!



“Enriching to see young students prepare for the business world.”

MYRON NAKATA  
Business Partner,  
President of Acutron LLC



## BLC Advisory Board Members

Akamai Foundation

Atlantis Adventures

Bank of Hawaii

Central Pacific Bank

Chinen & Arinaga Financial Group, Inc.

Communication Consulting Services, Inc

First Hawaiian Bank

Hawaii State FCU

HawaiiUSA FCU

Junior Achievement of Hawaii

Marriott Worldwide Vacations

State Farm Insurance

US Army

World Wide Technology

## FOLLOW WHS ON:

-  Instagram: @WaipahuHighSchool
-  Twitter: @WaipahuHigh
-  Facebook: Waipahu High School "Official"
-  Vimeo: <https://vimeo.com/waipahuhighschool>
-  Instagram: @waipahuhsbusiness



94-1211 Farrington Highway  
Waipahu, HI 96797

Phone: (808) 307-9555 | Fax: (808) 675-0257

[WWW.WAIPAHUHIGH.ORG](http://WWW.WAIPAHUHIGH.ORG)

WAIPAHU HIGH SCHOOL



**BUSINESS**  
P A T H W A Y



*My Voice, My Choice, My Future!*



## VISION

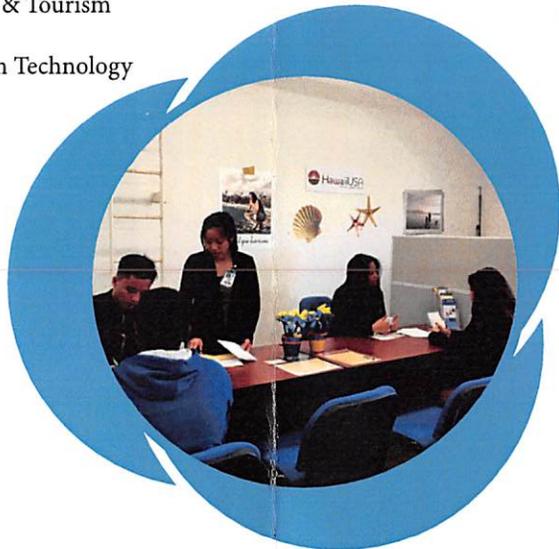
The Business Pathway's vision is to provide an academic and professional educational program that will prepare students for post-secondary success and careers in business.

## MISSION

The mission of Waipahu High School's Business Pathway is to provide innovative programs where student learning and career planning are relevant, and partnerships are promoted.

## COURSES

- Academy of Finance
- Academy of Hospitality & Tourism
- Academy of Information Technology
- Accounting
- Business Core
- Economics
- Entrepreneurship
- Financial Literacy
- Graphics Arts
- Marketing (DECA)



## STUDENT *testimonies*

“ A career shadow at the Aloha Pacific Federal credit union was an incredible experience. We were able to have lunch with the executives and have an inspiring conversation about life, school, and my career. ”

SCOTT FIAN  
CLASS OF 2016

“ The Business pathway gave me the opportunity to learn valuable lessons that I can take into whatever career field I want to pursue. It has made me ready to go out into the real world, even if I don't know where I specifically want to go yet. This pathway gave me experiences that opens all kinds of doors. ”

ABIGAIL BADUIA  
CLASS OF 2017

“ The skills I learned in class, I am applying it to my business job now. Taking business classes made it easy. ”

AIRRA ASUNCION  
ALUMNI

“ The BLC teachers make sure that business students are fulfilling their potential to become successful. They give us fun-filled activities and projects that help us obtain more insights about the business industry. ”

PAUL RELENTE  
ALUMNI

## CAREER FIELDS



Account Executive  
Accountant (CPA)  
Budget Analyst  
Business Owner  
Entrepreneur  
Financial Analyst  
Financial Planner  
Hotel Manager

Human Resource Manager  
Insurance Agent  
Investment Portfolio Manager  
Loan Officer  
Management Consultant  
Market Research Analyst  
Marketing Director  
Network Administrator  
Network Designer  
Operations Manager  
Real Estate Appraiser  
Sales Manager  
Special Events Coordinator  
Stockbroker  
Store Manager  
Travel Coordinator



## PROGRAMS OF STUDY

Clinical Health  
Medical Biotechnology

## CONTACT INFORMATION

Mrs. Kelsy Kai-Yamamoto  
Email: [kkaiyamamoto@waipahuh.k12.hi.us](mailto:kkaiyamamoto@waipahuh.k12.hi.us)  
Mr. Michael Sana  
Email: [michael\\_sana@notes.k12.hi.us](mailto:michael_sana@notes.k12.hi.us)

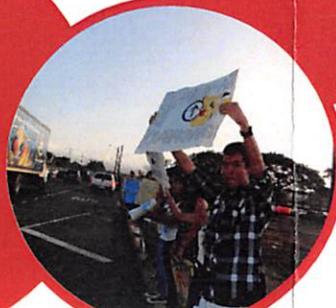
Website: <http://goo.gl/ILvOPX>

Scan for website!



“ I believe the Academy of Health and Sciences has the highest expectations for its students. ”

MICHAEL GARCIA  
CLASS OF 2016



## AHS RECOGNITIONS

NCAC Model Academy - First in the State of Hawaii; 12th nationally

SY 2015 - 2016

Tiannah Ohta: State of Hawaii DOE  
Presidential Scholar Program Nominee

SY 2014 - 2015

Best of Category Science Awards in  
Chemistry, Microbiology and Cellular &  
Molecular Biology  
Intel ISEF Student Finalist  
ISWEEEP Student Finalist  
Six AHS student Valedictorians  
Six AHS students earned CTE Honors  
Designation

## FOLLOW WHS ON:

- Instagram: @WaipahuHighSchool
- Twitter: @WaipahuHigh
- Facebook: Waipahu High School "Official"
- Vimeo: <https://vimeo.com/waipahuhighschool>



94-1211 Farrington Highway  
Waipahu, HI 96797  
Phone: (808) 307-9555 | Fax: (808) 675-0257

[WWW.WAIPAHUHIGH.ORG](http://WWW.WAIPAHUHIGH.ORG)

WAIPAHU HIGH SCHOOL



ACADEMY OF  
**HEALTH AND SCIENCES**



*My Voice, My Choice, My Future!*



## MISSION

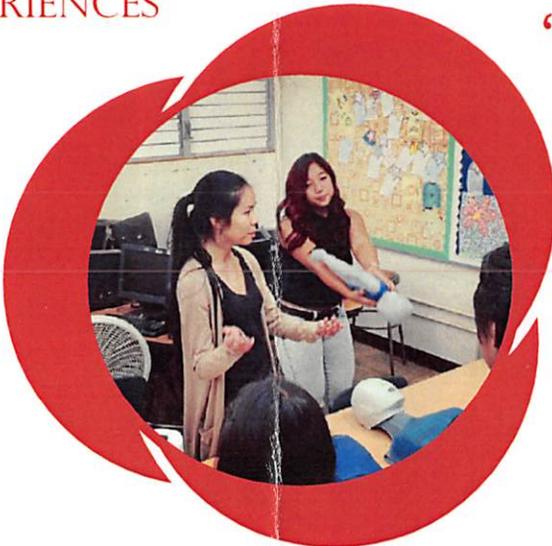
The Mission of the Health & Sciences Academy is to create a nurturing environment that encourages high expectations for success through relevant and rigorous interdisciplinary learning experiences as it prepares all students for college and career success.

## GOALS

- By 2020, 25% of academy students will reach an ACT composite score of 21 or better by their senior year with a 1% increase per year.
- The percentage of seniors accepted into an accredited post secondary program will increase from 85% to 90% by the year 2020.
- The percentage of CTE completers will increase by 5% by the year 2020.

## ACADEMY EXPERIENCES

- Academy Walkathon for Literacy
- Blood Drive
- Elementary Track Meet: Promoting physical fitness and mentoring young students
- John A Burns School of Medicine Field Trip
- Lawrence Livermore National Laboratories Teacher and Student Internships
- Rutgers University Waksman Student Scholars Program



“The Academy of Health & Sciences provides unique experiences that build skills & knowledge with hands-on interactive activities. ”

JOMMEL MACAREG  
CLASS OF 2017

“I experienced a lot more rigorous expectations that have set the foundation for my future. ”

GABRIELLE DANG  
CLASS OF 2016

## STUDENT *testimonies*

“This Academy is unique because we ‘experience’ what health services has to offer in addition to learning about proper health care. ”

LORIE ANN  
MANGARY-AYAM  
ALUMNI

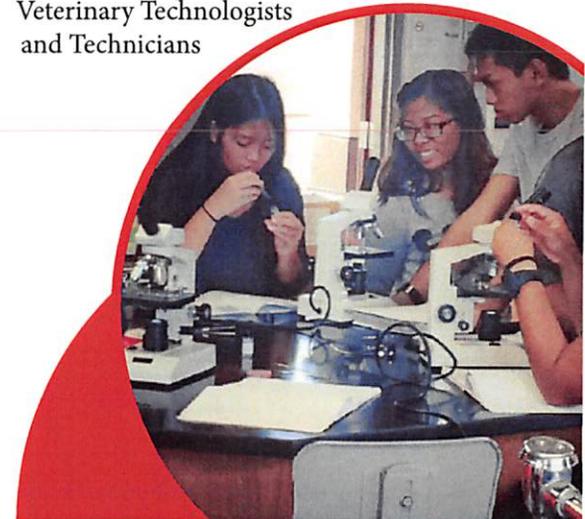
“To be in the Academy of Health and Sciences at Waipahu High School, means to be in a learning environment that strengthens a student’s passion for health and science, while also preparing them for college and career success. ”

MARIA EXCELLISIS  
DELA CRUZ  
CLASS OF 2016



## CAREER FIELDS

- Audiologists
- Cardiovascular Technologists and Technicians
- Dental Hygienists
- Home Health Aides
- Medical Coding
- Medical and Clinical Laboratory Technicians
- Medical Secretaries/ Medical Assistants
- MRI (Magnetic Resonance Imaging) Specialists
- Nurse Practitioners
- Nursing Instructors and Teachers, Post-secondary
- Occupational Therapists
- Orthotists and Prosthetists
- Physical Therapists
- Registered Nurses
- Sonography Technicians
- Radiation Therapists
- Respiratory Therapists
- Veterinary Technologists and Technicians



## CONTACT INFORMATION

Assistant Principal: Mr. David Tanuvasa

Email: david\_tanuvasa@notes.k12hi.us

Pathway Counselor: Mr. David Dods

Email: david\_dods@notes.k12.hi.us

Pathway Lead: Mr. Paul Hidano

Email: paul\_hidano@notes.k12.hi.us

Website: <http://goo.gl/4E4cZ0>

“ Skills that I learned from the pathway's curriculum ensured my success in completing post-secondary education. ”

RODNEY AGBAYANI  
ALUMNI



## ACADEMY OF ENGINEERING

An open enrollment, 4 year Academy of Engineering answers a need to prepare students for engineering college and architectural careers in the USA by educating high school students in principles of design, engineering habits of mind, and providing modeling / design practice with a rigorous progression of science, math, and communication skills.

Academy  
of ENGINEERING

### FOLLOW WHIS ON:

-  Instagram: @WaipahuHighSchool
-  Twitter: @WaipahuHigh
-  Facebook: Waipahu High School "Official"
-  Vimeo: <https://vimeo.com/waipahuhighschool>



94-1211 Farrington Highway  
Waipahu, HI 96797  
Phone: (808) 307-9555 | Fax: (808) 675-0257

[WWW.WAIPAHUHIGH.ORG](http://WWW.WAIPAHUHIGH.ORG)

WAIPAHU HIGH SCHOOL

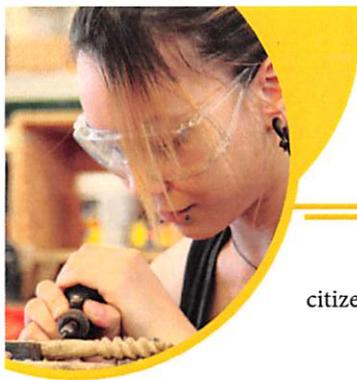


INDUSTRIAL ENGINEERING & TECHNOLOGY  
P A T H W A Y



*My Voice, My Choice, My Future!*

*Building for Success*



## VISION

To develop a highly skilled citizen that contributes to society.

## MISSION

The Industrial Engineering & Technology Pathway prepares students for the technological workforce community by fostering innovation, trustworthiness, and integrity.

## COURSES

- 3D Solid Modeling
- A+ Certification Intro
- A+ Computer Systems
- Academy of Engineering
- Architecture
- Automotive Technology
- Building & Construction Technology
- Computer Aide Drafting
- Design Technology
- Electronics Technology
- Engineering
- IET Core
- Information Technology (CISCO)
- Intro to Computer/Computer Systems
- Intro to Engineering
- Metals Technology
- Networking/CISCO
- WAN & Networking Architecture



“ IET Pathway has reinforced my love for engineering. The various activities and career exploration projects of the multiple engineering fields helped me to know what an engineer is. ”

SYDNEY MILLERD  
CLASS OF 2016

“ IET will provide more hands-on learning experiences. IET also prepares you to be part of the industrial workforce. ”

JOSH RENZO CLAUDIO  
CLASS OF 2016

## STUDENT *testimonies*

“ The IET Pathway helped me improve my design and critical thinking skills. The IET teachers were really caring and helpful in teaching us the skills students needed as we prepared for our careers. The teachers believed that we were able to do it and helped us do it. ”

JUANITO MOISES  
ALUMNI

“ The IET Pathway is helpful in introducing you to different trades like electronics, engineering, building and construction, welding, and automotive. It helped me to decide on a career in welding. ”

JUSTIN PAGBA  
ALUMNI



## CAREER FIELDS

AC Refrigeration  
Architect  
Carpenter  
Computer Tech  
Programmer  
Electrician

Engineer  
Civil  
Architectural  
Electrical  
Industrial  
Embedded  
Technician  
Mechanical

Information Security Analysts  
Insulation Workers, Mechanical  
Interior Designer  
Linesman  
Mechanic

Automotive  
Diesel  
Airframe  
Marine  
Heavy Equipment

Microelectronics  
Network Technician  
Plumber  
Radiologist  
Security Tech  
Sheetmetal  
Worker

Surveyor  
Welder



## PROGRAMS OF STUDY

Natural Resources Production  
Plant Biotechnology  
Environmental Resources Management

## CONTACT INFORMATION

Mr. Jeffrey Garvey  
Email: [jeffrey\\_garvey@notes.k12.hi.us](mailto:jeffrey_garvey@notes.k12.hi.us)  
Mrs. Rebecca Sanborn  
Email: [rebecca\\_sanborn@notes.k12.hi.us](mailto:rebecca_sanborn@notes.k12.hi.us)  
Mrs. Sherry Tenn  
Email: [sherry\\_tenn@notes.k12.hi.us](mailto:sherry_tenn@notes.k12.hi.us)

Website: <http://goo.gl/tJTCNG>

“ The Academy of Natural Resources has made me more interested in finding ways to make Hawaii not so dependent on outside sources. ”

KYLE MARCELINO, ALUMNI



## BUSINESS PARTNERS

- City and County of Honolulu, Storm Water Management
- City and County of Honolulu, The Honolulu Zoo
- DLNR, Division of Forestry & Wildlife
- DuPont Pioneer
- Hawaii Agricultural Resource Corporation (HARC)
- Mari's Garden
- Papahana Kuaola
- Leeward Community College (LCC)
- University of Hawaii at Manoa, CTAHR

## AWARDS & RECOGNITIONS

NCAC Model Academy  
- First in the State of Hawaii  
Grants: Hawaii P-20, Chevron  
Good Neighbor Award C&C Honolulu

## FOLLOW WHS ON:

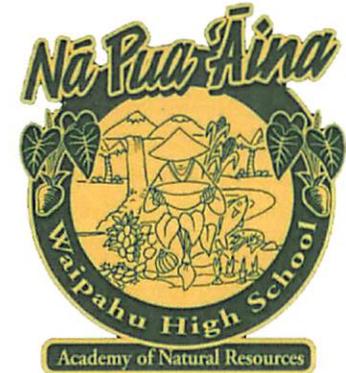
- Instagram: @WaipahuHighSchool
- Twitter: @WaipahuHigh
- Facebook: Waipahu High School "Official"
- Vimeo: <https://vimeo.com/waipahuhighschool>



94-1211 Farrington Highway  
Waipahu, HI 96797  
Phone: (808) 307-9555 | Fax: (808) 675-0257

[WWW.WAIPAHUHIGH.ORG](http://WWW.WAIPAHUHIGH.ORG)

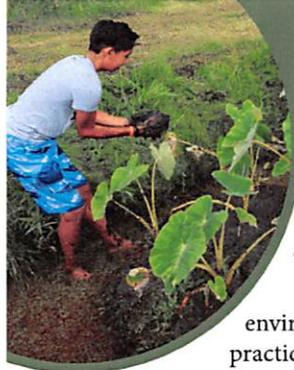
## WAIPAHU HIGH SCHOOL



## ACADEMY OF NATURAL RESOURCES



*My Voice, My Choice, My Future!  
Ko'u Leo, Ko'u Koho, Ko'u Mua*



# MISSION

The Academy of Natural Resources prepares all students to become environmentally conscious citizens who practice good environmental stewardship throughout their lifetime and become contributors to a sustainable world.

# GOALS

Goal 1: Students will demonstrate relevancy of academic courses and show how attaining high standards relates to career success.

Goal 2: Students will develop knowledge about careers and opportunities in Hawaii where they may best utilize their talents and aptitudes.

Goal 3: Students will develop a personal guidance plan to prepare for college and career opportunities in the current job market, military, college, technical school and/or a combination of these options.

## ACADEMY EXPERIENCES

We strive to hone students' skills, knowledge, and personal responsibility through the themes of sustainability and cultural heritage. We want students to engage the world and make changes. To achieve this goal, we developed a series of challenging, real world projects designed to develop and sharpen their skills. We designed our program to make students responsible for their success.



“With help from the Academy teachers, I was able to feel secure in my abilities and gain more confidence. ”

KADI NAKAMURA  
CLASS OF 2019

“The Academy makes me feel like I can be myself and still achieve my goals within the Pathway. ”

KATHLEEN FRANCISCO  
CLASS OF 2018

# STUDENT *testimonies*

“I feel as though being a part of the Academy of Natural Resources will help me to reach my goals of becoming a marine biologist/conservationist. ”

CHRISTIAN FERNANDO  
CLASS OF 2018

“Being in this Academy has helped me to get a head start in seeing what career area I want to be in. It has strengthened my commitment into being a Marine Biologist. ”

MARC ARIEL ACOSTA  
CLASS OF 2017



# CAREER FIELDS

## Natural Resources Production

- Agri-Science
- Aquaponics
- Hydroponics
- Native Plant Restoration
- Ogo (Hawaiian Seaweed) Production
- Systems Production

## Plant Biotechnology

- Agricultural Biotechnology
- Microbiology
- Recycling Plastic with Bacteria
- Tissue Culture
- Using Living Organisms to create a product

## Environmental Resource Management

- Coastal Ecology
- Forest Ecology
- Global Change
- Hawaiian Resource Management
- Wildlife Ecology



## CONTACT INFORMATION

Teacher Name: Kimi Maeda  
Email: [kimi\\_maeda@notes.k12.hi.us](mailto:kimi_maeda@notes.k12.hi.us)

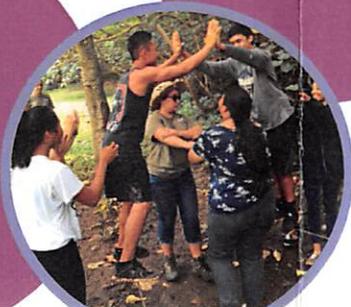
Teacher Name: Elaine Matsuo  
Email: [elaine\\_matsuo@notes.k12.hi.us](mailto:elaine_matsuo@notes.k12.hi.us)

Assistant Principal: Patrick Marquart  
Email: [patrick\\_marquart@notes.k12.hi.us](mailto:patrick_marquart@notes.k12.hi.us)

Website: <http://goo.gl/9kX9mn>

“ Culinary class gave me a sense of passion and ambition. ”

JESUS BAUTISTA  
CLASS OF 2016



## BUSINESS PARTNERS

Aloun Farms  
First Hawaiian Bank - Bakers Club  
Taniokas  
Waipahu District Schools  
*A special thank you to the Waipahu District Schools for their support in the Academy of Teacher Education Program.*  
Zippy's

## BENEFITS OF PHS PATHWAY

This Pathway allows students the hands-on opportunity to work with experts in their field and learn first hand about the career that they are interested in. They often have to leave the classroom setting and attend interviews, work in the industry or actual job site for an extended period of time. Besides observing, they are actively in the field learning day to day happening of what really goes on, how to deal with the real life situations related to the career. It is a great opportunity for the students, to help direct them on a possible career path for the future.

## FOLLOW WHS ON:

-  Instagram: @WaipahuHighSchool
-  Twitter: @WaipahuHigh
-  Facebook: Waipahu High School "Official"
-  Vimeo: <https://vimeo.com/waipahuhighschool>



94-1211 Farrington Highway  
Waipahu, HI 96797  
Phone: (808) 307-9555 | Fax: (808) 675-0257

[WWW.WAIPAHUHIGH.ORG](http://WWW.WAIPAHUHIGH.ORG)

## WAIPAHU HIGH SCHOOL



## PUBLIC & HUMAN SERVICES P A T H W A Y



*My Voice, My Choice, My Future!*



## VISION

To provide student-centered activities that will challenge all students to perform at their highest potential.

## MISSION

To prepare students with a skill set that will prepare them for post secondary institutions and careers beyond high school. Our program is designed provide real world experiences in a safe and meaningful environment, to encourage personal growth and academic achievement so each student may be a successful contributor to society.

## COURSES

- Baking & Pastry Arts
- Culinary I
- Culinary II
- Early Childhood Education
- Elementary Education
- Exploration in Education
- Health and Nutrition
- Health and Nutrition II
- Public and Human Services Core
- Secondary Education



“The philosophical chairs debate gave us confidence to speak up in front of an audience. ”

CASSIE GABINETE  
CLASS OF 2017

“This pathway allowed me to see and experience how it feels to be an actual teacher. I believe that I have grown so much through my years with the the Public and Human Services pathway. ”

ELEINA BONILLA  
CLASS OF 2016

## STUDENT *testimonies*

“By giving us the opportunity to decide for ourselves, my pathway has allowed me to explore my creativity. ”

KELSIENNA KASELI  
CLASS OF 2017

“The Public & Huamn Services pathway helped me distinguish the paths I should follow by helping me define who I want to be and the career I want to pursue. ”

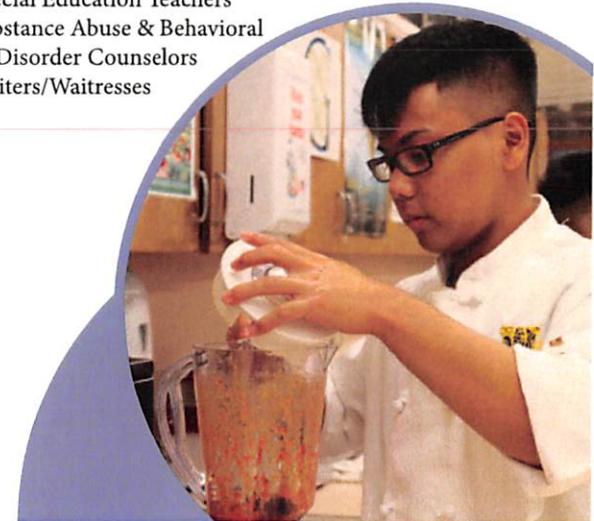
KAWEHU RABELLIZSA  
CLASS OF 2017



## CAREER FIELDS

Baker  
Bartender  
Caterer  
Child/Family/School Social Worker  
Customs  
Detectives  
Elementary School Teacher  
EMS

Executive Chef  
Fast Food Preparers & Servers  
FBI  
Firefighters  
Food & Beverage Manager  
Front House Manager  
Hairdressers, Hairstylists, & Cosmetologists  
Interpreters and Translators  
Janitors & Cleaners  
Judges  
Lawyers  
Maids & Housekeeping Cleaners  
Pastry Chef  
Police  
Preschool Teacher  
Psychologists  
Secondary School Teachers  
Sous Chef  
Special Education Teachers  
Substance Abuse & Behavioral Disorder Counselors  
Waiters/Waitresses





# Waipahu High School

Smaller Learning Communities School

94-1211 Farrington Highway, Waipahu, HI 96797 (808) 307-9555

<http://waipahuhigh.org/>

Principal: Keith Hayashi ([keith\\_hayashi@notes.k12.hi.us](mailto:keith_hayashi@notes.k12.hi.us))

<b>StriveHi: Continuous Improvement</b>	
ATTENDANCE RATE	94.1%
GRADUATION RATES	79.4%
AP ENROLLMENT / TOTAL Number EXAMS	189 / 224
RUNNING START-EARLY COLLEGE COMPLETERS (students / completed courses)	328 / 489
9 <sup>TH</sup> GRADE RETENTION RATE Trends Report (data as of 21Jan2015)	11.8%
WASC ACCREDITATION	2017
11 <sup>th</sup> Grade ACT Plus Writing	24%
SB Language Arts Proficiency	48%
SB Math Proficiency	28%
HSA SCIENCE	27%

**MISSION**

Waipahu High School prepares students for success in the 21<sup>st</sup> century by engaging them in rigorous and relevant learning opportunities that promote academic, physical, and emotional growth.

**VISION**

Waipahu High School's vision is to provide student-centered educational programs that challenge all students to perform at their highest potential.



**National Career Academy Coalition**

**Model Academies**  
HEALTH & SCIENCES  
NATURAL RESOURCES

<b>SY 2015-16</b>		
<b>Demographics</b>	<b>Academies/SLC Structures</b>	<b>Special Initiatives</b>
<p><b>Enrollment:</b> 2427</p> <p><b>Free/Reduced Lunch:</b> 54.2%</p> <p><b>IEP:</b> 10.2%</p> <p><b>ELL:</b> 12.0%</p> <p><b>Ethnicity:</b>                      Filipino: 67%                      Native Hawaiians: 8%                      Samoan: 7%                      Micronesian: 6%                      Asian: 4%                      Pacific Islander: 3%                      White: 2%                      Hispanic: 2%                      Black: 1%</p>	<p>Academy Pathway Themes:</p> <ul style="list-style-type: none"> <li>Design and Innovation</li> <li>Helping People, Saving Lives</li> </ul> <p>Wall-to-wall Houses (Smaller Learning Community School)</p> <p>Leading each Academy Pathway are an Assistant Principal, a Pathway Lead Teacher, Counselor, and a School Improvement Resource Teacher</p> <p>Students in 9<sup>th</sup> and 10<sup>th</sup> Grade belong to "houses"</p> <p>Students in upper grade levels select a pathway program of study</p>	<ul style="list-style-type: none"> <li>College Readiness Academic Success Hawaii (CRASH) student and parent sessions</li> <li>6 on 7 Bell Schedule:                             <ul style="list-style-type: none"> <li>Tuesdays: Data Driven Instructional Team meetings</li> <li>Thursdays: House, Pathway, Department, or Faculty meetings</li> <li>Student Learning Time: Mondays &amp; Fridays</li> </ul> </li> <li>Early college courses on campus</li> <li>Literacy and Math CCSS Efforts</li> <li>Aulama Adult Advocate Homeroom-twice/wk</li> <li>9<sup>th</sup> Grade Summer Bridge</li> <li>Mock Job Interviews</li> <li>Hawaii USA Credit Union (Academy of Finance)</li> <li>Marauder Café (Culinary Arts)</li> </ul>



# Waipahu High School Early College

Fact Sheet SY2014-2015

94-1211 Farrington Highway, Waipahu, HI 96797 (808) 528-9555

[http://www.edline.net/pages/Waipahu\\_High\\_School/Community/Waipahu\\_High\\_School\\_Early Coll](http://www.edline.net/pages/Waipahu_High_School/Community/Waipahu_High_School_Early_Coll)

Principal: Keith Hayashi (keith\_hayashi@notes.k12.hi.us)

STUDENT ENROLLMENT	Duplicated
Fall 2014 (Undup. 180)	191
Spring 2015 (Undup. 122)	152
Summer 2015 (Undup. 146)	146
SY14-15 (328 unduplicated)*	489
<b>REVENUE (Grant Award)</b>	\$255,000.00
<b>EXPENSES</b>	
Books	\$42,055.87
Tuition	\$202,033.35
<b>Total</b>	\$244,089.22
<b>Balance</b>	\$10,910.78

## MISSION

To increase college and career readiness by providing low-income youth, first-generation college goers, English language learners, minorities, and other underrepresented students in higher education with accelerated learning opportunities and Early College classes —tuition free.

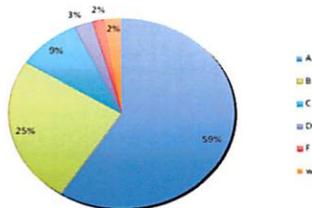
## GOAL

Waipahu High School Early College's long-range goal is to provide our Early College students with an opportunity to earn an Associate degree at the time they graduate from high school.

\*328 is the actual unduplicated count for Fall 2014, Spring and Summer 2015, compared to unduplicated count for specific terms that reflect students taking classes in multiple terms.

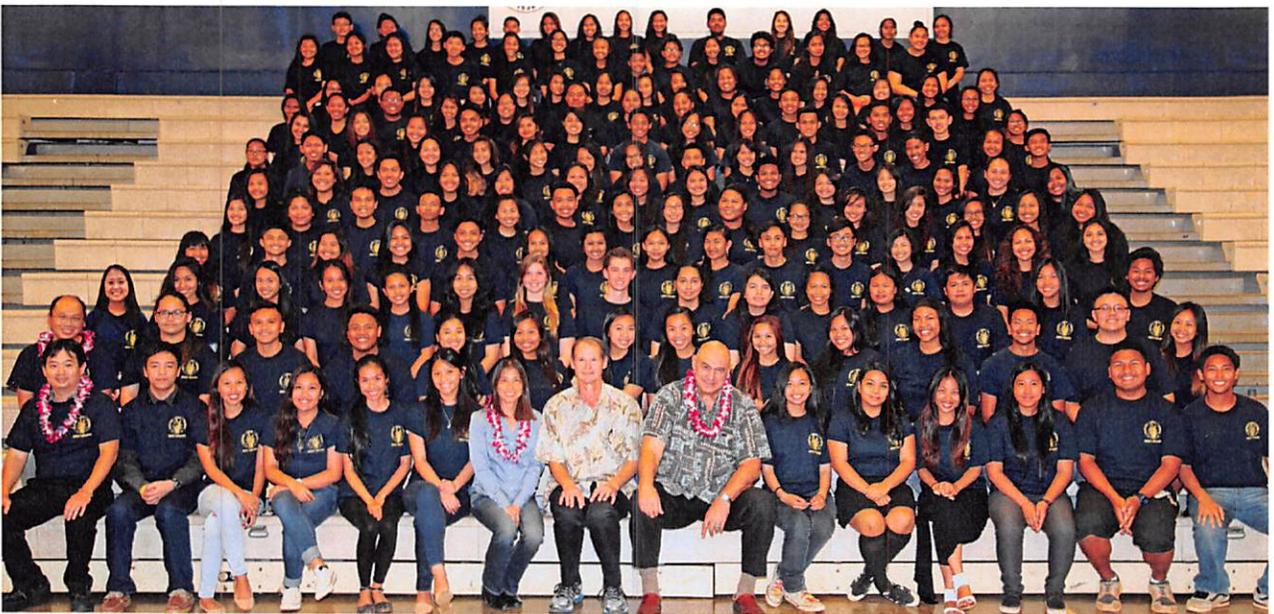
Demographics	Fall Semester 2014	Spring Semester 2015
Total Fall/Spring/Summer Registrants: 489	Art 101 9	Anthropology 151 (UHWO) 9
Males: 20.9%	Art 113 15	English 100 14
Females: 79.1%	Culinary Arts 112 14	Human Services 100 12
<b>Fall '14, Spring &amp; Summer '15 Grades</b>	Education 100 11	Internet & Computer Science 110 10
Number of "As" 289	History 151 28	Math (Calculus) 205 6
Number of "Bs" 122	English 100 (LCC) 20	Music 107 9
Number of "Cs" 45	English 100 (UHWO) 11	Philippine Culture & History 203 24
Number of "Ds" 13	Math 103 5	Religion 151 22
Number of "Fs" 8	Philosophy 100 (UHWO) 12	Sociology 100 8
Number of "Ws" 12	Philosophy 110 (LCC) 22	Sociology 218 9
	Speech 151 31	Speech 151 23
	Tagalog 101 13	Tagalog 102 6
	<b>Mean Grade 3.3</b>	<b>Mean Grade 3.6</b>
		<b>Summer Semester 2015</b>
		Freshman Sem 100 (2 sections) 22
		Astronomy 110 (2 sections) 37
		English 100 18
		Psych 100 (2 sections) (UHWO) 36
		Sociology 100 (UHWO) 17
		English 100 (UHWO) 16
		<b>Mean Grade 3.3</b>

Totals Fall '14, Spring & Summer '15



## POSITIVE IMPACTS OF THE WAIPAHU EARLY COLLEGE

- Established the first P-20 Honor Societies Pathway to Life-Long Academic Excellence (Elementary, NJHS, NHS & PTK)
- Modification of a new DOE regulation that permits calculation of selected Early College grades on 5.0 GPA scale
- Received national recognition as presenters at the National Early College Conference on December 10, 2014
- Established opportunity for Early College students to earn eligibility into the LCC Phi Theta Kappa Honor Society
- Chosen as one of several school throughout the nation to pilot EdReady English to reduce the need for remediation
- In concert with mainland Early College practice, permit students from all grade levels access to Early College according to required COMPASS or ACT placement cutoff scores – a standards-based/competency-based approach.
- Strengthened Intermediate Higher Education partnerships with Leeward Community College and UH West Oahu

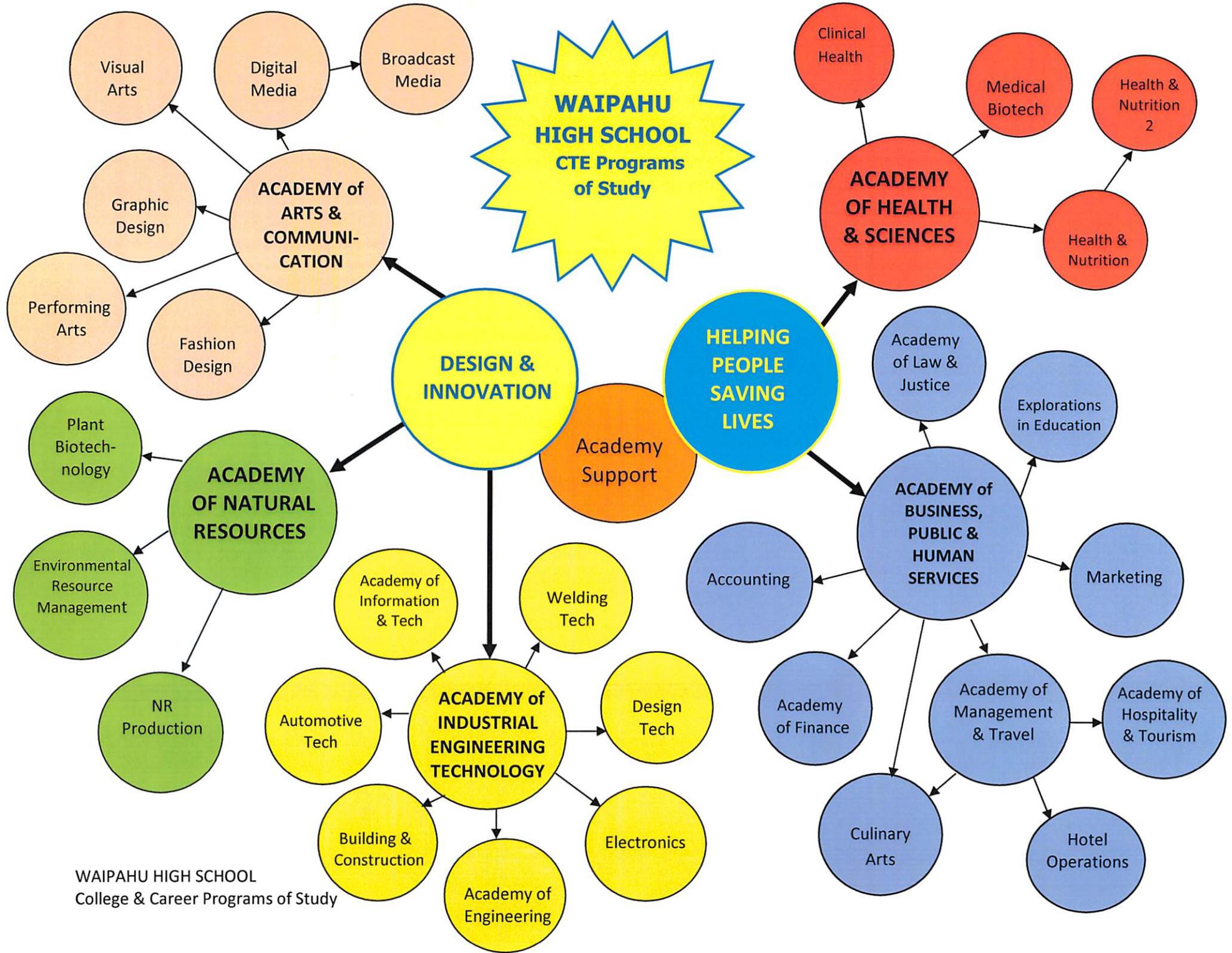


Waipahu High School Early College students pose for a picture with Dr. Rockne Freitas, Chancellor of the University of Hawaii – West Oahu in the spring 2014



Myra Domingo, Kristine Julian, Katelyn Khaoprasedth, ArZ Micah Ortiz, Theresa Pamintuan, Graceline Reyes and Erika Tagaca (Freshman), at the National Early College Conference, Dallas, TX on December 10, 2014

**WAIPAHU HIGH SCHOOL**  
**CTE Programs of Study**



# ACADEMY OF HEALTH & SCIENCES AT A GLANCE

## Model Academy NCAC 2015



Keith Hayashi, Executive Principal- [keith\\_hayashi@notes.k12.hi.us](mailto:keith_hayashi@notes.k12.hi.us)  
Sherri-Lee Tallman, Academy Principal- [sherri-lee\\_tallman@notes.k12.hi.us](mailto:sherri-lee_tallman@notes.k12.hi.us)  
Kelsy Kai-Yamamoto, Health Sciences Academy Lead- [kelsy\\_kai@notes.k12.hi.us](mailto:kelsy_kai@notes.k12.hi.us)  
Michael Sana, Health Sciences Biotechnology Lead [michael\\_sana@notes.k12.hi.us](mailto:michael_sana@notes.k12.hi.us)  
Elaina Paredes, House Lead Teacher- [elaina\\_parades@notes.k12.hi.us](mailto:elaina_parades@notes.k12.hi.us)  
Candace Hikiji, Academy Resource Teacher- [candace\\_hikiji@notes.k12.hi.us](mailto:candace_hikiji@notes.k12.hi.us)

MY VOICE MY CHOICE MY FUTURE

### Mission

The Mission of the Academy of Health & Sciences is to create a nurturing environment that encourages high expectations for success through relevant and rigorous interdisciplinary learning experiences as it prepares all students for college and career success.

### Goals

**Goal 1-** By 2020, 25% of academy students will reach an ACT composite score of 21 or better by their senior year with a 1% increase per year.

**Goal 2-** By 2020, 90% of the Academy of Health & Sciences seniors will be accepted into an accredited post-secondary program

**Goal 3-** By 2020, 69% of graduating seniors in the Academy of Health & Sciences will be CTE Completers

### Facts

School Year 2015

- Six Waipahu High School Valedictorians
- Six Academy of Health & Sciences students earned CTE Honors Designation
- 18 Academy of Health & Sciences students participated in Performance Based Assessments

### What is a Pathway? How does it benefit students?

- Waipahu High School College and Career Pathways provide students with a sense of belonging and the opportunity to explore their interests and aptitudes while receiving a solid academic foundation.
- The six career pathways address the broad spectrum of student interests, career possibilities, and college and career readiness skills by offering students opportunities such as internships, mentorships, and early college courses in high school.



MY VOICE *Ko'u Leo*

MY CHOICE *Ko'u Koho*

MY FUTURE *Ko'u Mua*

## ACADEMY OF NATURAL RESOURCES AT A GLANCE

Keith Hayashi, Executive Principal- [keith\\_hayashi@notes.k12.hi.us](mailto:keith_hayashi@notes.k12.hi.us)

Meryl Matsumura, Academy Principal- [meryl\\_matsumura@notes.k12.hi.us](mailto:meryl_matsumura@notes.k12.hi.us)

Sherry Tenn, Academy Lead Teacher- [sherry\\_tenn@notes.k12.hi.us](mailto:sherry_tenn@notes.k12.hi.us)

Rebecca Sanborn, House Lead Teacher- [rebecca\\_sanborn@notes.k12.hi.us](mailto:rebecca_sanborn@notes.k12.hi.us)

Jeffrey Garvey, Academy Advisor Teacher- [Jeffrey\\_garvey@notes.k12.hi.us](mailto:Jeffrey_garvey@notes.k12.hi.us)

Stephen Nakano, Academy Resource Teacher- [stephen\\_nakano@notes.k12.hi.us](mailto:stephen_nakano@notes.k12.hi.us)

### Academy Mission

The Academy of Natural Resources prepares all students to become environmentally conscious citizens who practice good environmental stewardship throughout their lifetime and become contributors to a sustainable world.

#### **Goal 1**

Students will demonstrate relevancy of academic courses and show how attaining high standards relates to career success.

*75% of students will complete a minimum of one Natural Resources course, per year enrolled, with a grade of C or higher for Natural Resources courses.*

#### **Goal 2**

Students will develop knowledge about careers and opportunities in Hawai'i where they may best utilize their talents and aptitudes.

*75% of students will complete a minimum of 25 hours per year of work-based/practical learning experience, on and off campus, by graduation.*

#### **Goal 3**

Students will develop a personal guidance plan to prepare for college and career opportunities in the current job market, military, college, technical school and/or a combination of these options.

*75% of the Academy of Natural Resources seniors will be accepted into post-secondary education, military, college, technical school, Natural Resources work-based internships, paid or unpaid training programs and/or a combination of these options.*

### Facts About Our Academy

- 198 Students in Grades 9-12
- 3 Academy Pathways
  - Natural Resources Production
  - Environmental Resource Management
  - Natural Resources Biotechnology
- Students gain knowledge, skills abilities and attitudes for both indoor and outdoor applications
- Project and problem based hands-on activities integrated into work-based learning field experiences enable all students to explore real-world applications and management techniques